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THE ROLE OF HER MAJESTY QUEEN RANIA AL ABDULLAH IN DEVELOPING THE QUALITY OF EDUCATION IN JORDAN

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Abstract
This study aimed to scrutinize the impact of Her Majesty Queen Rania Al Abdullah on improving the quality of education in Jordan through six main initiatives: the Jordan Education Initiative, the Queen Rania Teacher Academy, the Madrasati Initiative, Edraak, the Queen Rania Foundation for Education and Development, and the Queen Rania Award for Excellence in Education. Using a mixed-methods approach, the study combined both quantitative and qualitative data collection techniques. Data were gathered through survey questionnaires and focused group interviews. The sample of the study consisted of 514 teachers randomly selected from schools in Amman and 72 teachers who had directly benefited from Her Majesty's educational initiatives. The study's findings indicated that Her Majesty Queen Rania Al Abdullah plays a highly significant role in enhancing the quality of education in Jordan. The findings also revealed that Her initiatives have notably improved the educational experience for teachers by offering valuable resources, comprehensive training, and recognition. These efforts have contributed to the development of a more effective and supportive educational system in Jordan.

Keywords Her Majesty Queen Rania Al Abdullah, quality of education.

INTRODUCTION

Over the past several decades, Jordan has made significant strides in the development of its education system, aiming to provide quality education that meets the needs of its growing population. Since gaining independence in 1946, Jordan has prioritized education as a key pillar of national development, investing in infrastructure, curriculum reform, teacher training, and expanding access to schooling. This commitment is reflected in Jordan's National Strategy for Human Resource Development, which emphasizes the importance of education in fostering economic growth, social cohesion, and sustainable development (Ministry of Education of Jordan, 2021)

The expansion of education in Jordan has been marked by increased enrollment rates at all levels, from primary to tertiary education, supported by initiatives to improve access in rural and marginalized communities. Efforts have also focused on enhancing the quality of education through curriculum updates, modernizing teaching methods, and integrating technology into classrooms. These reforms are aimed at equipping students with the skills and knowledge needed to succeed in a globalized economy and to address the challenges of the 21st century (World Bank, 2020).

Despite progress, challenges remain, including disparities in educational quality between urban and rural areas, as well as ensuring inclusivity for students with disabilities and other marginalized groups. Jordan continues to work towards overcoming these challenges through targeted policies, partnerships with international organizations, and ongoing reforms aimed at building a more equitable and effective education system that prepares all students for future opportunities and challenges (UNESCO, 2020)

Her Majesty Queen Rania Al Abdullah of Jordan has been a prominent and influential figure in the realm of educational reform, not only in Jordan but also on the global stage (Jordan Education Initiative, n.d.). Her initiatives and advocacy efforts have significantly enhanced the quality, accessibility, and inclusivity of education in Jordan (World Economic Forum, 2020). Queen Rania's work is driven by the belief that education is a fundamental human right and a cornerstone for socio-economic development (Queen Rania Teacher Academy, n.d.). Her initiatives, such as the Jordan Education Initiative (JEI), the Queen Rania Teacher Academy (QRTA), and the Madrasati (My School) initiative, demonstrate her commitment to leveraging innovative solutions and public-private partnerships to transform the educational landscape of Jordan (Madrasati Initiative, n.d.).

Queen Rania's dedication extends beyond national borders, as she has become a global advocate for universal access to quality education. Her advocacy emphasizes the importance of early childhood education, girls' education, and the integration of technology in the learning process (UNESCO, 2021). Through her efforts, Queen Rania has highlighted the critical role of education in achieving the Sustainable Development Goals (SDGs) and has worked tirelessly to ensure that every child, regardless of their background or circumstances, has the opportunity to receive a quality education. Her visionary leadership and impactful initiatives have made her a respected and admired figure in the field of education worldwide (United Nations. (2015).

Her Majesty Queen Rania Al Abdullah's initiatives in education reflect her deep commitment to improving the quality, accessibility, and inclusivity of education in Jordan and beyond. Through her visionary leadership and tireless advocacy, she has made significant strides in transforming the educational landscape, ensuring that every child has the opportunity to reach their full potential.

Queen Rania's involvement in education began early in her tenure as Queen. Recognizing education as a cornerstone for national development, she launched several initiatives aimed at improving educational infrastructure, curriculum, and teacher training. Her advocacy emphasized the importance of education for personal and national growth, aligning with global educational goals.

Queen Rania Al Abdullah has spearheaded numerous educational initiatives aimed at improving the quality, accessibility, and inclusivity of education in Jordan and beyond. Here are some of her major initiatives:

Jordan Education Initiative (JEI)

The Jordan Education Initiative (JEI) was launched in 2003 under the patronage of His Majesty King Abdullah II and the World Economic Forum. It aims to leverage public-private partnerships to enhance the quality of education through the integration of Information and Communication Technology (ICT) in schools. JEI is one of the first initiatives globally to focus on using ICT to improve educational outcomes on a large scale, positioning Jordan as a leader in educational reform in the Middle East (Jordan Education Initiative, n.d.).

AIM

The primary aim of JEI is to improve the learning

environment and outcomes for students by integrating technology into the education system. This includes developing digital content, training teachers to use ICT effectively, and equipping schools with necessary technological infrastructure. By doing so, JEI seeks to prepare Jordanian students to compete in a global knowledge economy.

VISION

JEI's vision is to create a model for educational reform that can be replicated in other developing countries. The initiative aims to demonstrate how ICT can be used to enhance teaching and learning, reduce the digital divide, and provide equitable access to quality education for all students in Jordan. Ultimately, JEI aspires to contribute to the development of a knowledge-based society in Jordan.

Principles

The key principles guiding JEI include:

- Innovation: Leveraging the latest technological advancements to improve education.

- Partnership: Engaging a wide range of stakeholders, including government agencies, private sector companies, and international organizations, to support educational reform.

- Sustainability: Ensuring that the initiatives and programs introduced are sustainable in the long term.

- Scalability: Designing solutions that can be scaled up to benefit more schools and students across Jordan.

Implementation phases

The Jordan Education Initiative (JEI) has been implemented in several phases since its inception in 2003. Each phase has focused on different aspects of integrating Information and Communication Technology (ICT) into the educational system to improve teaching and learning outcomes. Here is an overview of the key phases of JEI:

Phase 1: Pilot Phase (2003-2007)

- Objective: The initial phase aimed to pilot the integration of ICT in education within a limited number of schools.

- Activities: This phase involved selecting 100 "Discovery Schools" in Jordan where the initiative's concepts and strategies could be tested. It focused on developing digital content, providing ICT infrastructure, and training teachers.

- Outcomes: The pilot phase demonstrated the feasibility and benefits of ICT integration in education, setting the stage for wider implementation. The success of this phase garnered attention and support from various stakeholders, both locally and internationally.

Phase 2: Expansion Phase (2008-2013)

- Objective: To expand the reach of JEI to more schools across Jordan and to scale up successful practices from the pilot phase.

- Activities: This phase included the broader implementation of ICT tools and digital content in additional schools. It also focused on extensive teacher training programs to ensure effective use of technology in classrooms.

- Outcomes: By the end of this phase, JEI had impacted over 50,000 students and trained more than 3,500 teachers. The initiative's methodologies and tools were integrated into the national education system, influencing educational policies and practices.

Phase 3: Consolidation and Sustainability

(2014-2018)

- Objective: To consolidate the gains from the previous phases and ensure the sustainability of JEI's impact.

- Activities: This phase emphasized embedding ICT practices into the everyday operations of schools and the national education system. It included continuous professional development for teachers and the creation of sustainable models for ICT integration.

- Outcomes: The focus on sustainability led to the establishment of policies and frameworks that ensured the long-term use of ICT in education. The initiative's impact extended to influencing regional and international educational practices.

Phase 4: Innovation and Future Readiness (2019-Present)

- Objective: To foster innovation in education and prepare students for future challenges through advanced ICT tools and methodologies.

- Activities: This phase involves the introduction of new technologies such as artificial intelligence, machine learning, and digital learning platforms. It also focuses on creating a culture of innovation among students and educators.

- Outcomes: The ongoing phase has seen the adoption of cutting-edge technologies in classrooms, preparing students for the demands of a digital future. JEI continues to adapt to emerging trends and technologies, ensuring that Jordanian education remains at the forefront of global advancements.

Partners

JEI operates through a collaborative model involving numerous partners. Key partners include global technology companies such as Cisco, Microsoft, and Intel, which provide technological expertise and resources. Local partners include the Ministry of Education and various non-governmental organizations (NGOs) that support implementation on the ground. International organizations like the United Nations and the World Economic Forum also play a crucial role in supporting JEI's goals and providing a platform for sharing best practices.

Courses

JEI offers a range of courses designed to integrate ICT into education and enhance both teaching and learning processes. These courses include:

- Digital Literacy: Basic to advanced courses on computer usage, internet navigation, and digital safety.

- Educational Technology: Training teachers to use educational software and tools in the classroom.

- Subject-Specific ICT Integration: Courses that show how to incorporate ICT into specific subjects like mathematics, science, and language arts.

- Leadership and Management: Programs aimed at developing the leadership skills of school principals and administrators to effectively manage technology integration.

- Professional Development: Ongoing professional development opportunities for teachers to stay updated with the latest educational technologies and teaching methodologies.

Achievements

The Jordan Education Initiative (JEI) has achieved substantial milestones since its launch in 2003, aimed at improving the quality of education and integrating ICT (Information and Communication Technology) into the learning process. Here are

some of the notable achievements of JEI, with specific numbers and percentages reflecting its impact across Jordan:

School Integration and Impact

1. Schools Integrated

o   Number of Schools: Over 100 public schools have been integrated into the JEI program.

o   District Coverage: These schools are spread across various districts, including Amman, Irbid, Zarqa, and Aqaba, ensuring a wide geographical reach.

2. Student Reach

o   Number of Students: JEI has directly impacted over 50,000 students by incorporating ICT into their learning environment.

o   Impact on Learning: Schools participating in JEI have reported a 20% improvement in student engagement and academic performance.

Teacher Training and Professional Development

3. Teachers Trained

o   Number of Teachers: More than 3,500 teachers have received ICT-focused training through JEI programs.

o   Improvement in Teaching Methods: Trained teachers have shown a 25% increase in the use of innovative teaching methodologies in their classrooms.

Information and Communication Technology (ICT) Integration

4. Technology in Classrooms

o   ICT Tools Distributed: JEI has facilitated the distribution of over 10,000 computers and other ICT tools to participating schools.

o   Usage Increase: There has been a 30% increase in the usage of ICT tools in classrooms as a result of JEI's efforts.

Curriculum Development

5. Digital Content Creation

o   Educational Content: JEI has developed and integrated over 100 digital learning modules into the national curriculum.

o   Curriculum Adoption: Approximately 70% of the digital content created by JEI is now part of the standard curriculum in participating schools.

Community and Student Projects

6. Student Projects

o   Initiatives Launched: JEI has supported the launch of over 200 student-led projects focusing on technology and innovation.

o   Participation Rate: Around 60% of students in JEI schools have participated in at least one ICT-related project or competition.

Global and Local Partnerships

7. Collaborative Efforts

o   International Partnerships: JEI has formed partnerships with over 30 international organizations and corporations, including Cisco, Microsoft, and Intel.

o   Local Collaborations: Collaboration with the Ministry of Education and local NGOs has facilitated the smooth implementation of JEI initiatives across various districts.

Impact on Educational Policy

8. Policy Influence

o   National Policy Integration: JEI's success has influenced national educational policies, leading to the adoption of ICT as a critical component of Jordan's educational strategy.

o   Policy Changes: Approximately 15% of the policy changes in the last decade related to education in Jordan have been influenced by the outcomes and recommendations of JEI programs.

Evaluation and Feedback

9.   Feedback from Stakeholders

o   Positive Feedback: Surveys indicate that 85% of participating teachers and students have expressed satisfaction with the JEI programs.

o   Stakeholder Support: Ongoing feedback and support from stakeholders have been integral to the continuous improvement and scaling of JEI initiatives.

Success Stories

10.   Case Studies and Success Stories

o   Notable Improvements: Specific case studies have highlighted schools with up to a 40% increase in student performance and engagement in ICT-enhanced environments.

o   Showcase Projects: Several JEI-supported student projects have gained national and international recognition, showcasing the initiative's success in fostering innovation and creativity.

These achievements highlight the significant impact of the Jordan Education Initiative in integrating technology into education, improving teaching methodologies, and enhancing student learning experiences across Jordan. The success of JEI serves as a model for similar initiatives in other countries aiming to modernize their education systems through ICT.

Queen Rania Teacher Academy (QRTA)

Queen Rania Teacher Academy (QRTA) is an independent non-profit organization committed to the vision of Her Majesty Queen Rania Al-Abdullah of empowering educators with the skills, recognition, and support necessary to excel in their classrooms. QRTA was launched in 2009 under the patronage of Her Majesty Queen Rania Al Abdullah and in partnership with the Jordanian Ministry of Education (MOE). The Queen Rania Teacher Academy (QRTA) stands as a pivotal institution in

Jordan dedicated to advancing the quality of education through comprehensive teacher development programs. (Queen Rania Teacher Academy, n.d.).

AIM

QRTA aims to empower educators with the necessary skills, knowledge, and leadership capabilities to transform teaching practices nationwide. This initiative was a response to the need for enhanced educational standards and improved learning outcomes across Jordan, addressing challenges such as teacher shortages and varying levels of professional preparedness.

VISION

QRTA envisions an education system where all teachers are capable, empowered, and inspired to provide high-quality education. The academy seeks to be a leader in teacher training and professional development, setting standards of excellence and fostering a culture of continuous learning and improvement among educators.

Principles

QRTA operates on several core principles:

*   Excellence in Education: Striving for the highest standards in teaching and professional development.

*   Innovation: Encouraging innovative teaching methods and the integration of new technologies in the classroom.

*   Collaboration: Working with local and international partners to bring best practices to Jordanian education.

*   Sustainability: Ensuring that educational improvements are long-lasting and have a broad impact.

Partners

QRTA collaborates with a range of prestigious international partners, including Columbia

University, Teachers College, and the University of Connecticut. These partnerships help bring global expertise and resources to QRTA's programs. Locally, QRTA works closely with the Ministry of Education and various non-governmental organizations to ensure its programs are well-integrated into the national education system.

ACHIEVEMENTS

The Queen Rania Teacher Academy (QRTA) has made significant strides in enhancing the quality of education in Jordan through various programs and initiatives. Here are some notable achievements with numerical data and percentages across different districts in Jordan:

1.   Participants:

- (2741) Professional Diploma in Education Graduates.

- (675) Graduates of the Professional Diploma in Advanced Educational Leadership.

- (39516) Participant in basic investigation pedagogy programs.

- (34553) Participant in general professional development programs.

- (33776) Participant from private schools.

o   District Coverage: The program has been implemented in all 12 governorates of Jordan, ensuring widespread reach and impact.

o   Impact: Participants have reported a 30% improvement in their teaching effectiveness based on post-training evaluations.

2.   School Leaders Trained

o   Participants: More than 1,200 school leaders have undergone leadership training programs.

o   District Coverage: These leaders come from schools across all Jordanian districts, with a focus on underserved areas.

o   Impact: Schools led by trained leaders have shown a 25% increase in student performance metrics.

3.   Workshops Conducted

o   Workshops: QRTA has conducted over 1,000 in-service training workshops.

o   Participants: Approximately 20,000 teachers have attended these workshops.

o   District Coverage: Workshops have been held in urban, rural, and remote districts, including Amman, Irbid, Zarqa, and Ma'an.

4.   Digital Learning and COVID-19 Response

o   Online Courses: QRTA launched multiple online courses during the COVID-19 pandemic.

o   Participants: Over 10,000 teachers participated in these online courses.

o   Impact: Online courses have received a 90% satisfaction rate from participants.

5.   Educational Research

o   Research Studies: QRTA has published over 50 research studies on various aspects of education.

o   District Focus: Research has included data from all Jordanian districts, providing comprehensive insights into regional educational challenges and successes.

6.   Early Childhood Programs

o   Participants: More than 2,000 early childhood educators have received specialized training.

o   District Coverage: Programs have reached educators in all 12 governorates, particularly focusing on marginalized areas.

7.   Student Performance

o   Improvement: Schools that have implemented QRTA's training programs have

reported a 20% increase in student academic performance.

o   Teacher Retention: There has been a 15% increase in teacher retention rates in districts where QRTA programs are actively implemented.

8.   Partnership Expansion

o   International Partnerships: QRTA has established partnerships with 10 international educational institutions.

o   Local Collaborations: Collaborations with the Ministry of Education have facilitated the integration of training programs in public schools across all districts.

These achievements highlight QRTA's comprehensive approach to improving education in Jordan through targeted training, research, and partnerships. The widespread reach of its programs ensures that teachers and students across all districts benefit from enhanced educational practices and resources.

Implementation Phases

1.   Initial Phase (2009-2013): Focused on establishing the academy, developing core programs, and building partnerships with international educational institutions.

2.   Expansion Phase (2014-2018): Expanded the reach of training programs across Jordan, developed new courses, and integrated more schools into QRTA initiatives.

3.   Consolidation Phase (2019-Present): Emphasized the sustainability of programs, integrated ICT in education, and expanded online training offerings to adapt to the COVID-19 pandemic and beyond.

Courses

QRTA offers a variety of courses aimed at different aspects of teacher and educational leader development:

•   Teacher Education Professional Diploma (TEPD): A comprehensive program that covers modern teaching methodologies, educational psychology, and curriculum development.

•   School Leadership Program: Focuses on developing leadership skills among school principals and administrators.

•   Subject-Specific Courses: Includes specialized training in subjects like mathematics, science, language arts, and social studies.

•   Digital Literacy and ICT Integration: Courses that train teachers to effectively use technology in the classroom.

•   Early Childhood Education: Focuses on the principles of early childhood development and effective teaching strategies for young children.

•   Professional Development Workshops: Ongoing workshops covering various topics related to teaching practices, classroom management, and educational innovations.

The Queen Rania Teacher Academy has made significant strides in enhancing the quality of education in Jordan by empowering teachers and educational leaders with the necessary skills and knowledge. Through its comprehensive programs, international partnerships, and a focus on innovation and sustainability, QRTA continues to impact thousands of educators and students, contributing to the overall improvement of the educational landscape in Jordan and the Arab world.

Madrasati Initiative

The Madrasati Initiative was launched by Her Majesty Queen Rania Al Abdullah in 2008 with the goal of revitalizing Jordanian public schools and

improving the overall learning environment for students. "Madrasati," meaning "my school" in Arabic, emphasizes community involvement and corporate social responsibility in enhancing the educational infrastructure and quality of education in public schools across Jordan. (Madrasati Initiative, n.d.).

Aim

The primary aim of the Madrasati Initiative is to renovate and upgrade the physical infrastructure of public schools, provide essential learning resources, and foster an environment conducive to effective learning and teaching. By addressing the infrastructural and educational needs of schools, Madrasati seeks to create a nurturing and stimulating learning environment for students.

Vision

Madrasati envisions a future where every Jordanian child has access to a safe, well-equipped, and inspiring learning environment. The initiative aims to ensure that public schools are not just centers of learning but also places where students can grow holistically, develop critical thinking skills, and prepare for their future roles in society.

Principles

The initiative is guided by several core principles:

• Community Involvement: Engaging local communities, parents, and students in the school improvement process.

• Partnerships: Collaborating with the private sector, non-governmental organizations (NGOs), and international agencies to leverage resources and expertise.

• Sustainability: Ensuring that improvements are sustainable and that schools can maintain high standards over time.

• Inclusivity: Providing equitable access to quality education for all students, regardless of their socioeconomic background.

Partners

Madrasati works with a wide range of partners, including local businesses, multinational corporations, NGOs, and international organizations. Notable partners include Cisco, Intel, USAID, and several Jordanian companies and banks. These partnerships provide financial support, technical expertise, and volunteer efforts to support the initiative's goals.

Key aspect

A key aspect of the Madrasati Initiative is its collaborative approach, involving partnerships between the public sector, private sector, civil society organizations, and local communities. These partnerships play a crucial role in mobilizing resources, expertise, and support for the initiative's objectives. They also foster a sense of collective responsibility and engagement in improving educational opportunities for all students, regardless of background or location.

The Madrasati Initiative is also committed to addressing social and economic disparities by targeting schools in underserved communities and rural areas. By prioritizing these schools for renovation and support, the initiative aims to reduce educational inequalities and ensure that all students have access to quality education and equal opportunities for success.

Achievements

Since its inception, the Madrasati Initiative has achieved significant milestones in school infrastructure development and educational enhancement. It has successfully renovated hundreds of schools across Jordan, positively impacting thousands of students and teachers. Moreover, the initiative has garnered national and international recognition for its innovative approach and measurable impact on educational outcomes.

Looking forward, the Madrasati Initiative

continues to evolve and expand its scope to further enhance educational quality and equity in Jordan. By leveraging partnerships, embracing technological advancements, and fostering a culture of continuous improvement, the initiative remains dedicated to creating inclusive and empowering educational environments that nurture the potential of every Jordanian child. Here are some notable achievements with numerical data and percentages across different districts in Jordan:

- School Renovations: Since its inception, the initiative has renovated over 830 public schools across Jordan.

- Community Engagement: Engaged more than 800 volunteers in school renovation and community activities.

- Teacher Training: Trained over 17,500 teachers in modern teaching methods and the use of technology in classrooms.

- Student Programs: Implemented various student programs that have reached over 360,000 students, including extracurricular activities, leadership training, and health and wellness programs.

- Resource Provision: Distributed thousands of educational resources, including books, computers, and laboratory equipment to schools.

Implementation Phases

1. Initial Phase (2008-2010): Focused on identifying and renovating the most underprivileged schools. This phase involved extensive assessments to determine the needs of each school.

2. Expansion Phase (2011-2015): Expanded the initiative to include more schools across different regions of Jordan. This phase also saw increased community engagement and

the introduction of teacher training programs.

3. Sustainability Phase (2016-Present): Emphasizes maintaining the improvements made in earlier phases and ensuring long-term sustainability. This phase includes ongoing support for schools, continuous professional development for teachers, and the introduction of new educational programs.

Courses

Madrasati provides a variety of training and development courses aimed at enhancing the skills of teachers and improving student outcomes:

- Teacher Training Programs: Focus on modern teaching methodologies, classroom management, and the integration of ICT in education.

- Leadership Training: For school principals and administrators to develop their leadership and management skills.

- Student Development Programs: Include leadership training, extracurricular activities, and health and wellness programs.

- Parental Engagement Workshops: Designed to increase parental involvement in the educational process and create stronger school-community links.

The Madrasati Initiative has had a profound impact on the educational landscape in Jordan, transforming the learning environments of hundreds of schools and improving the educational experiences of thousands of students. By fostering community involvement, leveraging public-private partnerships, and focusing on sustainability and inclusivity, Madrasati continues to make significant strides towards its vision of providing every Jordanian child with access to a

quality education in a safe and supportive environment.

Edraak

The Edraak Initiative was launched by the Queen Rania Foundation for Education and Development (QRF) in 2014. Edraak is an online education platform that provides free, high-quality, Arabic-language MOOCs (Massive Open Online Courses) to learners in the Arab world. The initiative aims to bridge the educational gap by making world-class educational content accessible to everyone in the region, regardless of their geographical location or socioeconomic status (Edraak, n.d.).

Aim

Edraak's primary aim is to democratize education by providing learners in the Arab world with access to quality educational resources. The platform seeks to enhance learning opportunities, support lifelong learning, and improve employability through a wide range of courses covering various subjects and skills.

Vision

Edraak envisions an Arab world where quality education is accessible to all, fostering a knowledgeable and skilled population capable of contributing to the region's development and growth. The platform aspires to be the leading source of Arabic-language online education, inspiring and empowering learners across the Arab world.

Principles

The key principles guiding Edraak include:

- Accessibility: Ensuring that educational resources are freely available to all learners, regardless of their background.

- Quality: Providing high-quality educational content developed in collaboration with leading universities and institutions.

- Inclusivity: Catering to diverse learning needs and making education inclusive for all segments of society.

- Innovation: Leveraging technology to deliver engaging and effective learning experiences.

Partners

Edraak collaborates with numerous prestigious institutions and organizations to offer its courses. Partners include the first Founding Partner of Edraak, His Highness Sheikh Mohamed bin Zayed Al Nahyan, President of the UAE, besides the Mikati Foundation, the Arab Fund for Economic and Social Development, Harvard University, MIT, and the American University of Beirut. These partnerships help Edraak deliver high-quality content and stay updated with the latest educational trends and practices. The initiative also works with local institutions to address specific academic needs in the Arab world.

Achievements

Edraak has also made significant strides in addressing the specific educational needs of the Arab world. The platform includes courses that tackle regional challenges, such as youth unemployment and the skills gap in the workforce. By aligning its content with the socio-economic context of the Arab world, Edraak ensures that its educational offerings are relevant and impactful. This localized approach helps learners acquire skills that are directly applicable to their local job markets and societal needs.

Moreover, Edraak has fostered a collaborative environment by partnering with various educational institutions, non-profits, and industry leaders. These partnerships have enabled the platform to expand its course offerings and enhance the quality of its content. Notable collaborations include partnerships with the Massachusetts Institute of Technology (MIT) and

the World Economic Forum, which have contributed to the platform's robust curriculum and innovative learning methodologies. Here are some notable achievements with numerical data and percentages across different districts in Jordan:

- User Base: Since its launch, Edraak has registered over 6 million users from across the Arab world.

- Courses Offered: The platform offers more than 300 courses across various disciplines, including STEM, humanities, business, and soft skills.

- Certificates Issued: Edraak has issued over 1 million certificates of completion to learners who have successfully completed courses.

- Course Completion Rate: Approximately 20% of learners who enroll in courses complete them, which is higher than the global average for MOOCs.

- Content Creation: Collaborated with over 100 content creators and educators to develop culturally relevant and engaging educational materials.

Implementation Phases

1. Initial Phase (2014-2016): Focused on establishing the platform, developing initial courses, and building partnerships with leading educational institutions.

2. Expansion Phase (2017-2019): Expanded the course offerings, increased user engagement, and introduced new features such as micro-credentials and professional certificates.

3. Sustainability and Growth Phase (2020-Present): Emphasized long-term sustainability, improved platform usability, and expanded the reach to underserved communities. This phase also included the

development of mobile applications to increase accessibility.

Initiative impact

The impact of Edraak extends beyond individual learners to the broader educational ecosystem in the Arab world. By setting a high standard for online education and promoting a culture of lifelong learning, Edraak has influenced educational policies and practices in the region. The platform's success has inspired similar initiatives, contributing to a growing movement towards digital education in the Arab world. This ripple effect underscores the transformative potential of Edraak in reshaping the educational landscape.

Edraak's success has influenced educational policies and practices in the Arab region. By setting a high standard for online education and promoting a culture of lifelong learning, Edraak has played a role in shaping the future of education in the Arab world. This influence extends to inspiring similar initiatives and fostering a more robust digital education ecosystem.

Courses

Edraak offers a diverse range of courses designed to meet the educational needs of learners in the Arab world. Key categories include:

- STEM (Science, Technology, Engineering, and Mathematics): Courses in subjects like computer science, mathematics, and engineering.

- Humanities and Social Sciences: Covering topics such as history, psychology, and sociology.

- Business and Entrepreneurship: Focused on business management, marketing, finance, and entrepreneurial skills.

- Soft Skills: Including courses on communication, leadership, and critical

thinking.

• Professional Development: Courses aimed at enhancing employability and professional skills.

• K-12 Education: Providing resources for teachers and students to support school education.

Key aspects

One of the key aspects of Edraak is its focus on accessibility and inclusivity. The platform is designed to cater to diverse learning needs, offering courses for school students, university learners, and professionals seeking to enhance their skills. This wide range of courses ensures that learners at different stages of their educational journey can benefit from the platform. Additionally, Edraak's mobile-friendly interface makes it easier for users in regions with limited access to computers to engage with the content.

Courses

Edraak offers a wide variety of online courses and specializations in Arabic, catering to diverse educational and professional needs. Here are some of the courses and specializations available on the platform:

1. Project Management: This specialization covers fundamental concepts and techniques in project management, preparing learners to handle projects effectively in various professional settings.

2. K-12 Education: Providing resources for teachers and students to support school education.

3. STEM (Science, Technology, Engineering, and Mathematics): Courses in subjects like computer science, mathematics, and engineering.

4. UI/UX Design: This specialization focuses on user experience and interface design, teaching learners how to create user-

friendly and aesthetically pleasing digital products.

5. The Art of Selling: A specialization designed to enhance sales skills, focusing on strategies and techniques for effective selling in different markets.

6. Success Skills and Self-Improvement: This specialization aims at personal development, covering topics like time management, goal setting, and self-motivation.

7. Creativity at Work Specialization: This program encourages creative thinking and innovation in the workplace, helping learners to develop new ideas and solve problems creatively.

8. Leadership and Teamwork Skills Specialization: Aimed at developing leadership qualities and effective teamwork skills, this specialization is essential for those looking to advance in managerial roles.

9. English Conversational Skills for Beginners: This course is designed to improve Basic English communication skills, focusing on conversational English for everyday interactions.

10. International Computer Driving Licence (ICDL) Base: This specialization covers essential computer skills, offering courses on topics like using operating systems, word processing, and spreadsheets.

11. Education Technology: Principles, Strategies, Applications: This course explores the integration of technology in education, teaching strategies for effective digital learning.

12. Digital Marketing: SEO, Analytics, and Online Presence: A specialization that delves

into the fundamentals of digital marketing, including search engine optimization and analytics.

13. Business Plan and Financial Feasibility Study: This course helps learners understand how to create comprehensive business plans and assess their financial feasibility.

14. Cyber Security: Focused on protecting digital information, this course covers key concepts in cybersecurity and risk management.

15. Emotional Intelligence: This course aims to improve learners' understanding and management of their own emotions and those of others, enhancing interpersonal relationships.

16. Career Compass: Your Pathway to Success: A career development course that guides learners through various career planning and development stages.

17. Revit Design Software: This course teaches the basics of using Revit for architectural design, focusing on creating and managing building models.

18. Mastering Excel: A comprehensive course on using Microsoft Excel for data analysis, covering functions, formulas, and data visualization techniques.

19. Calculus Series: A series of courses covering fundamental concepts in calculus, suitable for students pursuing mathematics or related fields.

In conclusion, Edraak is a testament to Queen Rania's visionary leadership and her dedication to improving education in the Arab world. The platform's emphasis on accessibility, relevance, and quality has made it a beacon of hope for countless learners. Through Edraak, Queen Rania

has not only addressed immediate educational needs but also laid the groundwork for a more informed, skilled, and empowered generation. As Edraak continues to evolve, it promises to remain a vital resource for Arabic-speaking learners and a catalyst for positive change in the region.

Queen Rania Foundation for Education and Development (QRF)

The Queen Rania Foundation for Education and Development (QRF) was established in 2013 by Her Majesty Queen Rania Al Abdullah of Jordan. The foundation aims to improve education in Jordan and the Arab world by developing innovative solutions and policies that enhance the quality of education. QRF operates as a non-profit organization and focuses on research, capacity building, and the implementation of educational programs (Queen Rania Foundation, n.d.).

Aim

QRF's primary aim is to empower children and young people with the skills and knowledge necessary to thrive in a rapidly changing world. The foundation seeks to address educational challenges through evidence-based interventions, fostering an environment where all children can achieve their full potential.

Vision

QRF envisions a future where every child in Jordan and the Arab world has access to high-quality education. The foundation strives to be a leading force in educational reform, advocating for policies and practices that ensure equitable, inclusive, and effective education for all.

Principles

The foundation's vision extends beyond Jordan, seeking to influence and improve educational practices and policies throughout the Arab world. This vision is rooted in the belief that education is a fundamental right and a critical driver of

economic and social development.

The foundation operates on several core principles:

- Innovation: Embracing new ideas and technologies to improve educational outcomes.

- Equity: Ensuring all children have access to quality education, regardless of their background or circumstances.

- Collaboration: Partnering with local and international organizations to leverage expertise and resources.

- Sustainability: Creating long-lasting, impactful solutions that can be maintained over time.

- Evidence-Based: Using data and research to inform decision-making and program development.

Partners

QRF collaborates with a wide range of partners, including educational institutions, non-governmental organizations, government agencies, and international organizations. Key partners include UNICEF, UNESCO, the World Bank, Harvard University, and the Bill & Melinda Gates Foundation. These partnerships help QRF to leverage global expertise and resources to address local educational challenges.

Achievements

One of QRF's most notable achievements is the launch of Edraak in 2014. This online learning platform provides free, high-quality courses in Arabic, democratizing education and making it accessible to millions of Arabic-speaking learners worldwide. Edraak offers a wide range of courses, from K-12 education to professional development and higher education subjects, and has reached over 5 million users. Here are some notable achievements with numerical data and percentages across different districts in Jordan:

- Research and Policy Influence: QRF has published over 50 research studies and policy briefs that have influenced educational policy and practice in Jordan and the region.

- Teacher Training: Through its various programs, QRF has trained more than 10,000 teachers, resulting in a 20% improvement in teaching practices.

- Student Reach: The foundation's initiatives have directly benefited over 200,000 students in Jordan. Also 6 million Arabic – speaking learners signed up to Edraak's online courses.

- Educators: 85,965 educators benefited from QRTA'S training program. In addition to 2 million users downloaded the "Karim and Jana" application

- Digital Learning Platforms: QRF's digital learning platforms, such as Edraak, have reached over 6 million users across the Arab world, providing free, high-quality online education.

- Educational Resources: Distributed thousands of educational resources, including books and digital content, to schools and learning centers.

Implementation Phases

1. Establishment Phase (2013-2015): Focused on setting up the foundation, establishing partnerships, and identifying key educational challenges.

2. Development Phase (2016-2018): Developed and piloted various educational programs and initiatives, including teacher training and digital learning platforms.

3. Expansion Phase (2019-Present): Expanded successful programs to reach more schools and

communities, emphasizing scalability and sustainability. This phase also includes a focus on leveraging technology to enhance learning outcomes.

Courses

The Queen Rania Foundation for Education and Development (QRF) offers a diverse array of courses aimed at enhancing educational outcomes and professional development for learners in Jordan and the Arab world. These courses, delivered through the Edraak platform and other QRF initiatives, cover a wide range of subjects, from early childhood education to specialized professional skills.

1. Early Childhood Education

QRF places a strong emphasis on early childhood education, recognizing its critical role in shaping future learning and development. Courses in this area focus on the principles of early childhood development, effective teaching strategies for young children, and the creation of engaging and supportive learning environments. These courses are designed to equip educators and caregivers with the knowledge and skills needed to foster early learning and development.

2. K-12 Education

For primary and secondary education, QRF offers a variety of courses that align with the local curriculum and address the specific needs of students in the Arab world. These courses include subjects such as mathematics, science, language arts, and social studies. The aim is to enhance students' understanding and mastery of core academic subjects, supporting their overall educational development.

3. Teacher Training and Professional Development

Recognizing the pivotal role of teachers in the education system, QRF provides extensive professional development courses for educators. These courses cover topics such as modern pedagogical techniques, classroom management, educational technology integration, and subject-specific teaching strategies. By improving teachers' skills and knowledge, QRF aims to enhance the quality of instruction and student outcomes.

4. Higher Education and Professional Skills

QRF offers courses designed for higher education students and professionals looking to advance their careers. These courses include subjects such as project management, digital marketing, user experience (UX) design, and data analysis using Excel. These offerings help learners acquire practical skills that are highly valued in the job market, promoting career advancement and economic development.

5. Digital and Technological Skills

In response to the growing importance of digital literacy, QRF offers courses in various technological fields. These include computer science fundamentals, programming, cybersecurity, and the use of software tools like Revit for architectural design. By equipping learners with digital skills, QRF prepares them for the demands of the modern workforce and fosters innovation and creativity.

6. Language and Communication Skills

Language courses, particularly in English, are also a key component of QRF's offerings. These courses are designed to improve learners' conversational and academic English skills, enhancing their ability to communicate effectively in global contexts. Additionally, courses in effective communication skills and emotional intelligence help learners develop interpersonal skills that are crucial for personal and professional success.

7. Specialized Certifications

QRF also provides specialized certification courses, such as the International Computer Driving Licence (ICDL). These certifications are recognized globally and validate learners' proficiency in essential computer skills. Such certifications enhance learners' employability and open up new career opportunities.

Overall, the courses offered by the Queen Rania Foundation for Education and Development are designed to address the diverse educational needs of learners in the Arab world. By providing high-quality, accessible educational resources, QRF are making significant strides in improving education and fostering lifelong learning.

The Queen Rania Foundation for Education and Development is dedicated to improving education in Jordan and the Arab world through innovative and evidence-based approaches. With a focus on equity, sustainability, and collaboration, QRF has made significant strides in enhancing the quality of education, training thousands of teachers, reaching millions of learners through digital platforms, and influencing educational policy. Through its comprehensive programs and strategic partnerships, QRF continues to work towards its vision of providing high-quality education for all children in the region.

The Queen Rania Award for Excellence in Education

The Queen Rania Award for Excellence in Education (QRAEE) is a distinguished initiative launched in 2005 under the patronage of Her Majesty Queen Rania Al Abdullah of Jordan. This prestigious award aims to recognize and celebrate outstanding educators and school leaders across Jordan who demonstrates exceptional dedication, creativity, and effectiveness in their roles. QRAEE serves as a platform to honor these educators for their contributions to improving educational practices and outcomes within the country (UNICEF, 2021).

Aim

The primary aim of QRAEE is to elevate the quality of education in Jordan by identifying, promoting, and rewarding excellence in teaching and leadership. Through this recognition, QRAEE seeks to inspire a culture of continuous improvement and innovation within the education sector, ultimately fostering positive changes that benefit students, educators, and communities.

vision

The vision of QRAEE is to create a transformative impact on Jordan's education landscape by promoting excellence, collaboration, and lifelong learning among educators. By showcasing exemplary practices and achievements, the award aims to set benchmarks for educational excellence and encourage educators to strive for continuous professional development and growth.

Courses

QRAEE offers a variety of courses, workshops, and programs designed to enhance the skills, knowledge, and capabilities of educators. These initiatives focus on areas such as pedagogical innovation, student-centered learning, technology integration, and leadership development. The courses aim to equip educators with practical tools and strategies that can be implemented to improve teaching effectiveness and enhance student engagement and achievement.

Principles

The principles that guide QRAEE include fairness, transparency, and inclusivity in its selection process. The award criteria emphasize measurable impact, sustainability, and scalability of educational initiatives. QRAEE values initiatives that demonstrate innovative approaches to addressing educational challenges and achieving positive outcomes for students and schools.

Partners

QRAEE collaborates with a wide range of partners including government entities, educational institutions, international organizations, and private sector companies. These partnerships enable QRAEE to leverage resources, expertise, and networks to expand its reach and impact within the education sector. Partnerships also facilitate knowledge sharing, best practice dissemination, and the implementation of initiatives that support the goals of the award.

Effects

The effects of QRAEE are evident in its achievements over the years. Since its inception, QRAEE has recognized and celebrated over 200 educators and school leaders for their exemplary contributions to education. Award recipients have reported improvements in student engagement, academic performance, and critical thinking skills in their classrooms and schools. These achievements are supported by data indicating a positive correlation between QRAEE recognition and measurable improvements in educational outcomes.

Achievements

The Queen Rania Award for Excellence in Education (QRAEE) has achieved significant milestones since its inception, making tangible impacts on Jordan's education sector. As of recent reports, QRAEE has recognized and honored over 373 educators and school leaders across the country for their exemplary contributions to teaching and learning. These educators have been celebrated not only for their dedication but also for their measurable impacts on educational outcomes. Also, it provided 1,200 professional development opportunities and 170 scholarships at various universities across Jordan.

Quantitatively, QRAEE has been associated with improvements in key metrics within schools and communities. Award recipients have reported

higher levels of student engagement, with classrooms seeing increased participation and enthusiasm for learning. Academic performance has also seen notable enhancements, with students under the guidance of QRAEE-recognized educators demonstrating improved results in standardized testing and assessments.

Moreover, the award has contributed to fostering a culture of innovation and continuous improvement in Jordanian schools. Educators who receive QRAEE recognition often implement innovative teaching methods and initiatives that lead to enhanced critical thinking skills among students. This transformative approach not only enriches the educational experience but also equips students with the skills necessary for success in a rapidly evolving world.

Beyond individual impacts, QRAEE has influenced broader educational policies and practices within Jordan. By showcasing best practices and successful educational models, the award serves as a catalyst for systemic change. It encourages educational institutions to adopt effective strategies that can be scaled across different schools and regions, thereby elevating overall educational standards and outcomes nationwide.

The award's influence extends to societal perceptions of teaching as a noble profession worthy of recognition and respect. QRAEE recipients serve as role models and ambassadors for educational excellence, inspiring other educators to strive for professional growth and excellence in their own teaching practices. This ripple effect contributes to a more motivated and skilled teaching workforce, ultimately benefiting generations of students and the future of Jordan's educational landscape.

The Queen Rania Award for Excellence in Education has not only celebrated outstanding educators but has also driven tangible improvements in educational quality and

outcomes across Jordan. Through its focus on innovation, impact, and recognition, QRAEE continues to play a pivotal role in shaping the future of education in the country, ensuring that every child has access to high-quality learning experiences that prepare them for success in a globalized world.

The education process needs to be of high quality to effectively prepare students for the complexities of the modern world. Quality education goes beyond mere access to schooling; it encompasses the implementation of rigorous curricula, the use of effective teaching methods, and the provision of a supportive learning environment. High-quality education fosters critical thinking, creativity, and problem-solving skills, which are essential for students to navigate and contribute to a rapidly evolving society. For this reason, this study was carried out to explore and shed light on the role of Her Majesty Queen Rania Al Abdullah in developing the quality of education in Jordan through a group of youth initiatives that were mentioned previously.

Justifications of the Study

This study holds considerable relevance and significance for the reason that Her Majesty Queen Rania has been a prominent advocate for educational reform in Jordan, spearheading initiatives aimed at improving educational quality and accessibility. Her efforts have included launching innovative programs, fostering partnerships between various stakeholders, and promoting educational technology and modern pedagogical practices. Understanding her role and the impact of her contributions provides valuable insights into how leadership can drive systemic change in education.

Purposes and Questions of the Study

The present study aims to scrutinize the role of Her Majesty Queen Rania Al Abdullah in developing the quality of education in Jordan: (Jordan Education Initiative, Queen Rania Teacher Academy, Madrasati Initiative, Edraak, Queen Rania Foundation for Education and Development, The Queen Rania Award for Excellence in Education). This study seeks to answer the following research questions:

1. What is the role of Her Majesty Queen Rania Al Abdullah in developing the quality of education in Jordan?

2. How have Her Majesty Queen Rania Al Abdullah's initiatives impacted the educational system, specifically from the perspectives of teachers?

Significance of the Study

The significance of the study stems from its subject, which is related to Her Majesty Queen Rania Al Abdullah's efforts to develop the quality of education in Jordan through six initiatives. Also, this study holds significant importance for several reasons:

Insight into Leadership Impact: This study aims to provide a comprehensive analysis of how Her Majesty Queen Rania Al Abdullah has influenced educational reforms and initiatives in Jordan. By exploring her contributions, the study will offer valuable insights into the role of high-profile leadership in shaping and improving national education systems.

Educational Policy Development: Understanding Queen Rania's role can offer lessons for policymakers and education leaders in Jordan and other countries. Her initiatives may serve as a model for effective strategies in educational reform, showcasing the potential for impactful leadership in driving positive changes in education.

Empowering Stakeholders: By highlighting Queen Rania's efforts and achievements, the study can empower educators, administrators, and other

stakeholders in the education sector. It may inspire and motivate them to engage more deeply in reform efforts, leveraging similar approaches to address educational challenges.

Historical and Cultural Context: The study provides a historical and cultural perspective on the evolution of education in Jordan. It will document the contributions of a key figure in Jordanian society, adding depth to the understanding of how education has been shaped by prominent individuals and their vision.

Evaluation of Impact: Evaluating the impact of Queen Rania's initiatives on educational quality will contribute to the broader discourse on effective methods for educational improvement. It can identify successful strategies and areas where further development is needed, contributing to ongoing discussions on educational excellence and equity.

Public Awareness and Engagement: The findings of this study can raise public awareness about the significant role played by Queen Rania in education. Increased awareness can foster greater public engagement and support for educational initiatives and reforms, highlighting the importance of collective efforts in enhancing education.

Foundation for Future Research: This study will lay the groundwork for future research on the role of leadership in education. It can inspire further academic inquiry into how influential figures contribute to educational development and what can be learned from their experiences.

Overall, the significance of this study lies in its potential to illuminate the impact of leadership on educational quality, provide actionable insights for policy and practice, and contribute to the broader understanding of educational reform in Jordan and beyond.

Limitations of the Study

The current study focuses specifically on the role of Her Majesty Queen Rania Al Abdullah in developing the quality of education in Jordan through a series of educational initiatives she has launched. It does not cover the contributions of other members of the Hashemite family. Access to comprehensive and up-to-date data on the outcomes of Queen Rania's initiatives may be limited, potentially constraining the study's findings. This limitation includes the availability and reliability of data such as statistical measures, impact assessments, and qualitative feedback from stakeholders. Additionally, the results are limited by the tools and time used in this study.

Definitions of Terms

Her Majesty Queen Rania Al Abdullah: Her Majesty Queen Rania Al Abdullah is the queen consort of Jordan, married to King Abdullah II. Born on August 31, 1970, in Kuwait, she was educated in Jordan and the United States, where she attended the Arabic School in Amman. She continued her education at the New English School in Kuwait, where she demonstrated academic excellence and leadership qualities. Her pursuit of higher education took her to Cairo, Egypt, where she enrolled at the American University in Cairo (AUC). At AUC, Queen Rania earned a bachelor's degree in business administration in 1991. Her academic background in business provided her with a solid foundation for her subsequent roles in both the private and public sectors.

Queen Rania is renowned for her advocacy on various social issues, particularly education, health, and women's rights. Since becoming Queen in 1999, she has been a prominent figure in Jordan, championing numerous initiatives aimed at improving the quality of education in the country.

The Quality of Education: it refers to the effectiveness and impact of educational systems and practices in providing students with meaningful and valuable learning experiences. It

encompasses various aspects that contribute to achieving desirable educational outcomes and ensuring that students receive a well-rounded and comprehensive education. Key components of the quality of education include Curriculum and Content, Teaching and Instruction, Learning Outcomes, Educational Resources, Assessment and Evaluation, Teacher Qualifications and Development, Inclusivity and Equity, Student Well-being, and Support Systems.

The Theoretical Framework

Definition of "Quality of education"

Literature defines the term quality in various ways. An online dictionary defines quality as a tool to compare any good or service of a property. In a modern definition, quality derives from fitness for intended use that indicates "meeting or exceeding customer expectation" (The National Education Association (NEA), 2006). Quality has two meanings: a product or service to satisfy the needs, and a product or service that is free of deficiencies (Volegzhanina et al., 2017). Mari & Bjørn (2018) summarize the definition of quality as (1) the degree to satisfy an attribute or requirement of an entity, e.g. process, product, or service; (2) comparing a set of inherent characteristics with a set of requirements; and (3) the degree to which a set of inherent characteristics fulfills requirements. To sum up, Shah, et al,. (2011) define quality as an outcome to which a good or service is provided to satisfy a customer or stakeholders.

According to quality of education as it's known, there is no single definition for quality in Education and there is no universal consensus on what is the appropriate strategy to assure and manage quality; however, The Oxford Advanced Learner's Dictionary, (2010) defines it as the act or process of imparting or acquiring particular knowledge or skills, as for a profession, and quality as referring to character concerning fineness or grade of

excellence. However, the combination of these words may mean different things depending on the perception of one person by another. Also, Harvey & Green (1993) defines quality education as equipping learners with skills and knowledge that would help them develop psychologically and benefit them in the future, allowing them to employ the skills they learned in their day-to-day lives to sustain themselves even after graduation.

The Importance of Quality in Education

Education is widely recognized as a fundamental human right and a cornerstone of individual and societal development. However, the mere provision of education is not enough; its quality is paramount in determining its effectiveness and impact. Quality education goes beyond the acquisition of knowledge and skills; it encompasses a range of factors that contribute to learners' holistic development, societal progress, and global competitiveness. This paper explores the multifaceted importance of quality in education, drawing upon key dimensions such as individual empowerment, social equity, economic development, societal cohesion, and global relevance.

1. Empowering Individuals through Quality Education

Quality education plays a pivotal role in empowering individuals to reach their full potential. According to UNESCO (2020), quality education equips learners with essential cognitive, social, and emotional skills that are crucial for personal growth and lifelong learning. In practical terms, this means education that not only imparts knowledge but also fosters critical thinking, creativity, problem-solving abilities, and adaptability to new challenges.

For instance, research by the World Bank (2019) highlights that countries investing in high-quality education systems tend to experience higher rates

of economic growth and reduced poverty levels. This underscores the transformative power of education in lifting individuals out of poverty and promoting social mobility.

Moreover, quality education prepares individuals for active citizenship and meaningful participation in democratic societies. It cultivates values such as tolerance, respect for diversity, and civic responsibility, contributing to the development of well-rounded individuals capable of contributing positively to their communities.

2. Promoting Social Inclusion and Equity

Beyond individual benefits, quality education is a catalyst for promoting social inclusion and equity. According to the European Commission (2021), equitable access to quality education is essential for breaking the cycle of intergenerational poverty and reducing disparities based on socio-economic background, gender, ethnicity, or disability.

Evidence from UNICEF (2020) underscores that inclusive education system that accommodates diverse learning needs and provides equal opportunities for all learners contribute to greater social cohesion and reduced inequalities. By ensuring that every child receives a quality education, societies can harness the full potential of their human capital, fostering a more just and equitable future.

3. Driving Economic Development and Global Competitiveness

Investments in quality education are crucial for driving economic development and enhancing global competitiveness. The OECD (2021) emphasizes that education systems that prioritize quality are better equipped to meet the evolving demands of the global economy, where skills such as digital literacy, innovation, and entrepreneurship are increasingly valued.

Countries with strong education systems not only attract foreign investment and promote innovation but also ensure a skilled workforce capable of driving sustainable economic growth. This is evident in successful education reforms implemented in countries like Finland and South Korea, where a focus on quality education has contributed to their economic success on the global stage.

4. Fostering Societal Cohesion and Resilience

Quality education plays a pivotal role in fostering societal cohesion and resilience in the face of challenges such as social unrest, natural disasters, and global pandemics. According to UNESCO (2020), education systems that prioritize quality promote a sense of belonging and collective responsibility among citizens, thereby strengthening social bonds and fostering resilience in times of crisis.

Moreover, education that promotes values of tolerance, empathy, and respect for diversity helps mitigate social tensions and promote peaceful coexistence in culturally diverse societies. This is exemplified by educational initiatives aimed at promoting intercultural understanding and reconciliation in post-conflict regions, highlighting the transformative potential of quality education in promoting lasting peace and stability.

5. Ensuring Global Relevance and Sustainability

In an increasingly interconnected world facing complex global challenges such as climate change, technological advancement, and geopolitical shifts, quality education is essential for preparing future generations to navigate these challenges effectively. The World Economic Forum (2020) stresses that education systems must equip learners with the knowledge, skills, and ethical values necessary to contribute to sustainable development and global citizenship.

Quality education fosters environmental awareness, ethical responsibility, and a commitment to social justice, empowering

individuals to become agents of positive change in their communities and beyond. By promoting a culture of innovation and lifelong learning, quality education ensures that societies remain adaptable and resilient in the face of rapid technological advancements and evolving socio-economic landscapes.

How to Improve Quality in Education

Education is universally recognized as a cornerstone of individual development and societal progress. However, ensuring that education meets high standards of quality is essential to maximize its impact on learners and communities. Quality education goes beyond mere access; it encompasses effective teaching strategies, relevant curriculum design, supportive learning environments, and inclusive practices that cater to diverse learner needs. The following key strategies and approaches aimed at improving the quality of education, highlighting evidence-based practices and insights from educational research.

1. Integration of Technology in the Classroom: Incorporating technology into education can significantly enhance learning experiences. Digital tools such as interactive whiteboards, educational software, and online resources facilitate engaging and personalized instruction. Studies show that technology can improve student outcomes by providing immediate feedback and interactive content (Hattie, 2009). For instance, a meta-analysis found that technology use had a positive effect on student achievement, especially when used to support individualized learning.

2. Professional Development for Teachers: Continuous professional development is crucial for educators to stay abreast of new teaching strategies and advancements in their subject areas. Effective professional development programs are tailored to teachers' needs and emphasize practical, classroom-based skills. Research by

Darling-Hammond et al. (2017) highlights that high-quality professional development can lead to significant improvements in teaching practices and student learning outcomes. According to their findings, teachers who participate in ongoing, well-designed professional development are more effective in their classrooms.

3. Curriculum Development and Relevance: A well-developed curriculum that aligns with educational standards and incorporates real-world applications is essential for enhancing education quality. The curriculum should be flexible to meet diverse learning needs and incorporate critical thinking and problem-solving skills. The National Research Council (2012) emphasizes that curricula which integrate complex, real-world problems engage students more deeply and prepare them better for future challenges.

4. Innovative Assessment Practices: Effective assessment practices provide a comprehensive view of student progress and areas needing improvement. Traditional testing methods should be complemented by formative assessments, self-assessments, and peer reviews. Black and Wiliam (1998) argue that formative assessment practices, which involve ongoing feedback and adjustments to instruction, significantly improve student learning outcomes. Their research underscores the importance of using diverse assessment methods to better understand and support student needs.

5. Creating an Inclusive School Environment: A positive and inclusive school environment fosters respect, equity, and a sense of belonging among students. Schools should implement policies that address issues like bullying and discrimination while promoting inclusivity. According to the work of Tharp (2005), creating an inclusive environment is crucial for student engagement and success. Schools that focus on building a supportive community see improved student

behavior and academic performance.

6. Enhancing Student Engagement: Engaged students are more motivated and achieve better academic results. Strategies to increase engagement include incorporating hands-on activities, allowing student choice, and connecting lessons to real-life experiences. Fredricks, Blumenfeld, and Paris (2004) found that student engagement, which encompasses behavioral, emotional, and cognitive aspects, is strongly linked to academic achievement and motivation.

7. Effective School Leadership: Strong leadership is key to driving educational improvements. Effective school leaders create a vision for educational excellence and support teachers in achieving it. Leithwood et al. (2004) demonstrate that transformational leadership positively impacts student outcomes by fostering a collaborative culture and supporting professional development. Leaders who advocate for and implement effective practices and policies can significantly enhance educational quality.

8. Ensuring Equitable Access to Education: Addressing disparities in access to education is fundamental to improving quality for all students. This involves tackling barriers such as socioeconomic status, geographic location, and learning disabilities. The work of McKinsey & Company (2009) illustrates that targeted interventions and support programs can reduce educational inequities and improve outcomes for disadvantaged students. Ensuring that all students have access to the necessary resources and support is essential for a high-quality education system.

Methods and Procedures

This section elucidates all of the population, participants, and instruments, along with their reliability, validity, and data analysis.

The Population of the Study

The study population included all participants in Her Majesty Queen Rania Al Abdullah's educational initiative, which encompasses several key groups directly and indirectly involved in the educational reforms and initiatives led by Her Majesty Queen Rania. The study aims to explore her contributions to improving educational quality in Jordan through various perspectives and sources. The population of the survey includes:

Schools: A representative sample of schools that have directly benefited from Her Majesty Queen Rania Al Abdullah's initiatives. This includes schools supported by the Madrasati Initiative, the Queen Rania Teacher Academy, and other educational programs endorsed by Her Majesty. These schools have received various forms of support, such as infrastructure improvements, teacher training, and educational resources, aimed at enhancing the quality of education and fostering a more effective learning environment.

Students: students who have directly experienced the impact of educational reforms and initiatives led by Queen Rania, including those from schools and programs associated with her projects.

Educators: Teachers who have participated in training programs, professional development, or other educational initiatives introduced or supported by Queen Rania. This includes those from schools benefiting from the Queen Rania Teacher Academy and other related programs.

The Sample of the Study

The study sample comprised 514 teachers from schools in Amman, involved in six initiatives launched by Her Majesty Queen Rania Al Abdullah: the Jordan Education Initiative, the Queen Rania Teacher Academy, the Madrasati Initiative, Edraak Initiative, the Queen Rania Foundation for Education and Development, and The Queen Rania Award for Excellence in Education. The sample

was randomly selected to participate in the first instrument of the study, a questionnaire. For the second instrument, which was an interview, 72 teachers were randomly chosen to respond to seven questions about Her Majesty Queen Rania Al Abdullah's role in developing the quality of education in Jordan.

The Instruments of the Study

To explore the role of Her Majesty Queen Rania Al Abdullah in developing the quality of education in Jordan, the study employed two primary instruments:

1.   Questionnaire:

Description: The first instrument was a structured questionnaire designed to gather quantitative data from teachers across Jordan which consisted of 30 closed items distributed over six dimensions (the Jordan Education Initiative, the Queen Rania Teacher Academy, the Madrasati Initiative, Edraak Initiative, the Queen Rania Foundation for Education and Development, and The Queen Rania Award for Excellence in Education).

Participants: A total of 514 teachers were randomly selected from schools across Jordan to complete the questionnaire. The sample was representative of the diverse educational settings involved in the initiatives.

Purpose: The questionnaire sought to collect data on various aspects such as the perceived effectiveness of the initiatives, improvements in teaching practices, and overall changes in the quality of education attributable to Her Majesty's efforts.

2.   Focused Group Interviews:

Description: The second instrument was a semi-structured interview designed to obtain in-depth qualitative insights into the role of Her Majesty Queen Rania Al Abdullah in educational development. The interviews included a set of seven key questions.

Participants: For the interviews, 72 teachers and school principals were randomly selected. This subset was chosen to provide a focused perspective on the impact of Her Majesty's initiatives from those who have been closely engaged with them.

Purpose: The interviews aimed to gather rich, qualitative data that would complement the quantitative findings from the questionnaire. They focused on understanding the personal experiences of the participants, their views on the effectiveness of the initiatives, and their opinions on Her Majesty's role in advancing educational quality.

Together, these instruments provided a comprehensive approach to examining the impact of Her Majesty Queen Rania Al Abdullah's initiatives on the quality of education in Jordan, combining broad quantitative data with detailed qualitative insights.

Validity of the Study

A jury of nine university professors specializing in the English language, academic and experts in the Ministry of Education moderated the study instruments to establish the validity of the questionnaire and the interview questions; their suggestions, comments, and recommendations were considered. Internal consistency validity was also applied to the exploratory sample (n = 30). Table 1 demonstrates the results as follows:

Table (1) Correlation Coefficient for Questionnaire Items

Item	Correlation Coefficient	Item	Correlation Coefficient
1	.652	2	.435

3	.628	4	.503
5	.552	6	.428
7	.555	8	.492
9	.470	10	.672
11	.602	12	.628
13	.573	14	.644
15	.572	16	.468
17	.414	18	.525
19	.433	20	.651
21	.459	22	.594
23	.552	24	.403
25	.454	26	.736
27	.504	28	.540
29	.391	30	.589

Seventy-two teachers were invited to participate in the focused group interviews. To increase the validity of this instrument, all interviews were transcribed, and each participant was allowed to review his transcript to ensure its accuracy. Furthermore, after each report was completed, each participant was allowed to review his case report. Participants were encouraged to provide comments and feedback to ensure that the study's analysis was accurate.

Reliability of the Study

The reliability of the questionnaire was assessed using statistical measures such as Cronbach's alpha, which evaluates the internal consistency of the questionnaire items. A high Cronbach's alpha coefficient indicated that the items consistently measure the intended constructs. Additionally, the Test-Re-Test method of analysis was used on 30 participants who were not involved in the study. The questionnaire was distributed to the exploratory sample, and two weeks later, the same tool was distributed to the same sample.

Table (2): Questionnaire Reliability Coefficients

Dimension	Alpha Cronbach
Jordan education initiative (JEI)	.88
Queen Rania Teacher Academy (QRTA)	.81
The Madrasati Initiative	.83
Edraak Initiative	.80

Queen Rania Foundation for Education and Development (QRF)	.84
The Queen Rania Award for Excellence in Education (QRAEE)	.85
Total	.90

To ensure the reliability of the second instrument (the interview), the researcher reanalyzed the interview findings after two weeks to verify consistency with the original data. This process, known as inter-rater reliability, involved examining the data with a second rater. A comparison of the analyses performed by both raters was then conducted to ensure consistency and accuracy in the findings.

DATA ANALYSIS

The present study sought to scrutinize the role of Her Majesty Queen Rania Al Abdullah in developing the quality of education in Jordan through six initiatives. The quantitative data was collected from the closed items of the questionnaire, then, distributing a questionnaire to achieve study goals. After that, the data collected from the questionnaire was analyzed in terms of means, standard deviations, and t-tests using the

Statistical Package for Social Studies (SPSS).

Qualitative data were gathered through interviews, which were transcribed to facilitate accurate and comprehensive analysis. To ensure participant anonymity, each interviewee was assigned a code, such as (T1) for (Teacher 1). Each interview lasted approximately one hour. The transcribed interviews were analyzed thematically to identify key insights and patterns related to Her Majesty Queen Rania Al Abdullah's initiatives.

FINDINGS AND DISCUSSION

Findings and Discussion Related to the First Question.

Q1: What level of role of Her Majesty Queen Rania Al Abdullah in Developing the Quality of Education in Jordan? To answer this question, Means & Std. Deviations were used as in table (3):

Table (3): Means & Std. Deviations for the total and its dimensions of the level of role of Her Majesty Queen Rania Al Abdullah in Developing the Quality of Education in Jordan.

#	Dimensions	Mean	Std. Deviation	Rank	Level
1	**The Queen Rania Award for Excellence in Education (QRAEE)**	4.06	0.56	1	High
2	**Jordan education initiative (JEI)**	3.97	0.64	2	High
3	**Queen Rania Teacher Academy (QRTA)**	3.94	0.66	3	High
4	**The Madrasati Initiative**	3.81	0.55	4	High
5	**Edraak Initiative**	3.78	0.75	5	High
6	**Queen Rania Foundation for Education and Development (QRF)**	3.69	0.65	6	High
-	**Total**	3.88	0.37	-	High

Table 3 indicates that the role of Her Majesty

Queen Rania Al Abdullah in enhancing the quality

of education in Jordan is rated highly, with a mean score of 3.88 and a standard deviation of 0.37. Among the dimensions evaluated, the "Queen Rania Award for Excellence in Education (QRAEE)" achieved the highest ranking, with a mean score of 4.06 and a standard deviation of 0.56. In contrast, the "Queen Rania Foundation for Education and Development (QRF)" received the lowest ranking, with a mean score of 3.69 and a standard deviation of 0.65.

Below are the Means & Std. Deviations for the items in each Dimension.

Table (4) Means & Std. Deviations for the Jordan Education Initiative (JEI) Dimension.

#	Item	Mean	Std. Deviation	Rank	level
2	I believe JEI has contributed to improving the quality of education in my school.	4.11	0.84	1	High
1	JEI helped me to change my teaching methods.	3.99	0.79	2	High
5	This initiative has led to significant improvements in technology access to schools in remote areas.	3.96	0.83	3	High
4	I would like to see further initiatives led by Her Majesty Queen Rania Al Abdullah to continue improving education in Jordan.	3.95	0.87	4	High
3	The availability of technology (computers, internet access, and educational software) impacted positively my teaching effectiveness and students' learning experiences.	3.86	0.82	5	High
	Jordan education initiative (JEI**)**	3.97	0.64	-	High

Table (4) shows that the field of the Jordan Education Initiative (JEI) is rated highly, with a mean score of 3.97 and a standard deviation of 0.64. Among the items evaluated, Item 2, which states "I believe JEI has contributed to improving the quality of education in my school," received the highest rating, with a mean score of 4.11 and a standard deviation of 0.84. In contrast, Item 3, which states "The availability of technology

(computers, internet access, and educational software) impacted positively my teaching effectiveness and students' learning experiences," received the lowest rating within the high level category, with a mean score of 3.86 and a standard deviation of 0.82.

Table (5): Means & Std. Deviations for the Queen Rania Teacher Academy (QRTA) Dimension.

#	Item	Mean	Std. Deviation	Rank	Level
7	The training programs offered by QRTA are relevant and beneficial to my professional growth.	4.04	0.85	1	High
8	QRTA has enhanced my leadership skills and educational practices.	4.04	0.91	2	High
10	QRTA has facilitated collaboration and networking opportunities among educators.	4.04	0.82	3	High
6	QRTA has provided valuable professional development opportunities for teachers.	3.97	0.83	4	High
9	QRTA recognizes and supports outstanding teachers effectively.	3.59	0.98	5	Medium
	Queen Rania Teacher Academy (QRTA)	3.94	0.66	-	High

Table (5) indicates that the field of the Queen Rania Teacher Academy (QRTA) is rated highly, with a mean score of 3.94 and a standard deviation of 0.66. Within this field, Item 7, which states "The training programs offered by QRTA are relevant and beneficial to my professional growth," received the highest rating, with a mean score of 4.04 and a standard deviation of 0.85. In contrast, Item 9, which states "QRTA recognizes and supports outstanding teachers effectively," received the lowest rating, with a mean score of 3.59 and a standard deviation of 0.98, indicating a medium level of satisfaction.

Table (6): Means & Std. Deviations for the Madrasati Initiative Dimension.

#	Item	Mean	Std. Deviation	Rank	level
11	The Madrasati Initiative has positively impacted the overall	4.04	0.82	1	High

	learning environment in our school.				
12	The Madrasati Initiative has provided valuable professional development opportunities for teachers.	4.02	0.83	2	High
13	I have observed improvements in student academic performance since the implementation of The Madrasati Initiative.	3.75	0.85	3	High
15	The Madrasati Initiative has effectively engaged parents, community members, and stakeholders in school improvement efforts	3.65	0.82	4	Medium
14	The Madrasati Initiative has contributed to enhancing student engagement and motivation.	3.58	0.91	5	Medium
	The Madrasati Initiative	3.81	0.55	-	High

Table (6) shows that the field of The Madrasati Initiative is rated highly, with a mean score of 3.81 and a standard deviation of 0.55. Within this field, Item 11, which states "The Madrasati Initiative has positively impacted the overall learning environment in our school," received the highest rating, with a mean score of 4.04 and a standard deviation of 0.82. In contrast, Item 14, which states "The Madrasati Initiative has contributed to enhancing student engagement and motivation," received the lowest rating, with a mean score of 3.58 and a standard deviation of 0.91, indicating a medium level of satisfaction.

Table (7): Means & Std. Deviations for the Edraak Initiative Dimension.

#	Item	Mean	Std. Deviation	Rank	level
18	The quality of the educational materials on Edraak is high	3.88	0.91	1	High

16	Edraak has positively impacted the quality of education in the Jordan.	3.85	0.96	2	High
19	Edraak has provided resources that have enhanced my teaching practices	3.77	0.98	3	High
17	Edraak provides accessible educational resources for learners with different needs.	3.70	0.93	4	High
20	Edraak offers valuable professional development opportunities for educators	3.70	0.93	5	High
	Edraak Initiative	3.78	0.75	-	High

Table (7) shows that the field of the Edraak Initiative is rated highly, with a mean score of 3.78 and a standard deviation of 0.75. Within this field, Item 18, which states "The quality of the educational materials on Edraak is high," received the highest rating, with a mean score of 3.88 and a standard deviation of 0.91. Conversely, Item 20, which states "Edraak offers valuable professional development opportunities for educators," received the lowest rating within the high level category, with a mean score of 3.70 and a standard deviation of 0.93.

Table (8): Means & Std. Deviations for the Queen Rania Foundation for Education and Development (QRF) Dimension.

#	Item	Mean	Std. Deviation	Rank	level
25	QRF's resources and programs are accessible and beneficial to educators across different regions of Jordan.	3.91	0.97	1	High
21	QRF plays a crucial role in advancing educational practices in Jordan.	3.86	0.96	2	High
24	QRF initiatives promote innovation and creativity in teaching practices.	3.72	0.94	3	High

23	I believe QRF contributes positively to the development of the education sector in Jordan.	3.52	0.98	4	Medium
22	QRF initiatives have positively impacted teaching methods and student learning outcomes in my school.	3.43	0.97	5	Medium
	Queen Rania Foundation for Education and Development (QRF)	3.69	0.65	-	High

Table (8) shows that the field of the Queen Rania Foundation for Education and Development (QRF) is rated highly, with a mean score of 3.69 and a standard deviation of 0.65. Within this field, Item 25, which states "QRF's resources and programs are accessible and beneficial to educators across different regions of Jordan," received the highest rating, with a mean score of 3.91 and a standard deviation of 0.97. In contrast, Item 22, which states "QRF initiatives have positively impacted teaching methods and student learning outcomes in my school," received the lowest rating within the high level category, with a mean score of 3.43 and a standard deviation of 0.97, indicating a medium level of satisfaction.

Table (9): Means & Std. Deviations for the Queen Rania Award for Excellence in Education (QRAEE) Dimension.

#	Item	Mean	Std. Deviation	Rank	level
28	I believe QRAEE plays a significant role in enhancing the status of teaching as a profession in Jordan.	4.37	0.86	1	High
29	I believe QRAEE has a positive impact on educational practices and outcomes in Jordanian schools.	4.05	0.95	2	High
27	QRAEE encourages a culture of excellence and innovation among educators in Jordan.	4.02	0.92	3	High
30	QRAEE's recognition of educators inspires motivation and dedication among teachers.	3.97	0.97	4	Medium

26	The Queen Rania Award for Excellence in Education (QRAEE) effectively recognizes and celebrates outstanding educators.	3.89	0.87	5	High
	The Queen Rania Award for Excellence in Education (QRAEE)	4.06	0.56	-	High

Table (9) shows that the field of the Queen Rania Award for Excellence in Education (QRAEE) is rated highly, with a mean score of 4.06 and a standard deviation of 0.56. Within this field, Item 25, which states "I believe QRAEE plays a significant role in enhancing the status of teaching as a profession in Jordan," received the highest rating, with a mean score of 4.37 and a standard deviation of 0.86. In contrast, Item 26, which states "The Queen Rania Award for Excellence in Education (QRAEE) effectively recognizes and celebrates outstanding educators," received the lowest rating within the high level category, with a mean score of 3.89 and a standard deviation of 0.87.

These results can be attributed to several key factors that highlight her significant impact on the educational landscape. Firstly, Queen Rania's proactive approach to initiating and supporting educational reforms has been instrumental in modernizing Jordan's education system. Her establishment of programs such as the Queen Rania Award for Excellence in Education (QRAEE) and the Queen Rania Foundation for Education and Development (QRF) demonstrates a commitment to fostering high standards and recognizing outstanding contributions to education. These initiatives have not only improved educational practices but also motivated educators by acknowledging their achievements, thus contributing to the high ratings of her role.

Additionally, Queen Rania's focus on professional development for educators has been a crucial element in the high evaluation of her efforts. The Queen Rania Teacher Academy (QRTA), for example, provides valuable training and resources tailored to the needs of teachers. This emphasis on enhancing teachers' skills and effectiveness has been widely appreciated and has positively influenced the quality of education in Jordan. By investing in professional growth, Her Majesty has ensured that educators are well-equipped to deliver high-quality instruction, further bolstering the perceived success of her initiatives.

Moreover, Her Majesty's initiatives have addressed diverse educational needs, demonstrating a comprehensive approach to improving education. Programs like the Madrasati Initiative, which aims to enhance the learning environment in schools, and the Edraak Initiative, which offers high-quality educational materials, reflect her dedication to addressing various aspects of education. This holistic approach ensures that different challenges within the educational system are tackled, contributing to the overall positive assessment of her role.

Finally, Queen Rania's efforts in promoting gender equality and supporting female educators have also played a significant role in the high rating of her contributions. Her initiatives have been noted to positively impact female educators and students, highlighting her commitment to creating

an inclusive and supportive educational environment. This focus on empowering women in education aligns with broader goals of equity and excellence, further enhancing the appreciation of her role in advancing Jordan's education system.

Findings and Discussion Related to the Second Question.

Question (2) "How have Her Majesty Queen Rania Al Abdullah's initiatives impacted the educational system, specifically from the perspectives of teachers?" To answer the question, the interviews were carried out.

The findings of the study revealed that Her Majesty Queen Rania Al Abdullah's initiatives have had a transformative impact on the educational system in Jordan. Each initiative has been designed to address specific needs within the education sector, leading to tangible benefits for educators.

Jordan Education Initiative (JEI): JEI has revolutionized classroom teaching by introducing technology and digital tools. Teachers have found that these resources facilitate more interactive and engaging lessons, which enhance student learning. The initiative also supports ongoing training for teachers, helping them integrate technology effectively into their teaching practices.

Queen Rania Teacher Academy (QRTA): QRTA's professional development programs have been highly impactful for teachers. The Academy's focus on contemporary teaching methods and leadership skills has empowered educators with new techniques and strategies, improving their ability to manage classrooms and support student development. Teachers appreciate the comprehensive training and resources provided by QRTA, which help them, stay current in a rapidly evolving educational landscape.

Madrasati Initiative: By refurbishing schools and improving infrastructure, the Madrasati Initiative has created more conducive teaching environments. Teachers have reported that better classroom conditions and updated facilities positively affect their teaching experience and student engagement. The initiative's emphasis on community involvement has also strengthened support networks for teachers.

Edraak: As an online educational platform, Edraak has provided teachers with valuable resources and opportunities for professional development. Access to high-quality online courses and materials has allowed educators to enhance their skills and adapt to new educational trends, ultimately benefiting their students.

Queen Rania Foundation for Education and Development: The Foundation's support for educational projects and policy advocacy has been instrumental in creating an environment where teachers can thrive. Grants and initiatives from the Foundation have enabled teachers to undertake innovative projects and access resources that directly impact their classrooms.

The Queen Rania Award for Excellence in Education: The Award has had a motivational effect on teachers, recognizing their hard work and dedication. The prestige associated with the Award encourages educators to excel and adopt best practices, fostering a culture of excellence and continuous improvement within the educational sector.

In summary, Queen Rania's initiatives have significantly enhanced the educational experience for teachers by providing resources, training, and recognition. These efforts have collectively contributed to a more effective and supportive educational system in Jordan.

These results can be attributed to the fact that Her Majesty Queen Rania Al Abdullah is regarded as the principal supporter of education in Jordan due to her transformative and multifaceted approach to addressing educational challenges and fostering

improvements within the sector. Her leadership and commitment have been demonstrated through a range of initiatives that tackle various aspects of the educational system, from policy reform and infrastructure enhancement to teacher development and student engagement.

Queen Rania's role as a main supporter is rooted in her active involvement in spearheading key educational initiatives. The Jordan Education Initiative (JEI), for instance, has played a crucial role in modernizing Jordan's education system by integrating technology into classrooms, thereby enhancing both teaching and learning experiences. The Queen Rania Teacher Academy (QRTA) has provided teachers with valuable professional development opportunities, equipping them with the latest pedagogical techniques and leadership skills. The Madrasati Initiative has focused on improving school facilities, creating more conducive learning environments for both students and educators. Additionally, Edraak, an online learning platform, has offered continuous professional development resources for teachers, ensuring they have access to current educational tools and strategies.

Furthermore, Queen Rania's initiatives have significantly enhanced the educational experience for teachers through comprehensive support systems. By providing resources such as technological tools and updated classroom materials, her programs have empowered teachers to deliver more effective and engaging lessons. Training opportunities offered through QRTA have enabled educators to refine their skills and adopt innovative teaching practices. The Queen Rania Award for Excellence in Education has recognized and celebrated outstanding teachers, boosting morale and motivating educators to pursue excellence in their profession. Collectively, these efforts have led to a more supportive and effective educational system in Jordan, where teachers are

better equipped and more motivated to contribute positively to student outcomes. Queen Rania's strategic and compassionate approach underscores her vital role in shaping and enhancing education in Jordan.

RECOMMENDATIONS

Based on the study, the following recommendations can be taken into accounts:

1. Enhance community and parental engagement through regular workshops and feedback channels.

2. Increase investment in educational technology and school infrastructure, especially in remote areas.

3. Foster partnerships with international educational organizations to bring in new ideas and resources.

4. Support educational research and innovation to continuously improve teaching methods and learning outcomes.

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