



United Nations
Educational, Scientific and
Cultural Organization

منظمة الأمم المتحدة
للتربية والعلم والثقافة



Regional Centre
for Information and Communication
Technology

المركز الإقليمي
لتكنولوجيا المعلومات والاتصال



Kingdom of
Bahrain

ملكة
البحرين

RCICT

Online Training Programs Guide

2021/2022





The Regional Centre for Information and Communication Technology, located in Manama, Kingdom of Bahrain was established in 2008 as a Category 2 center under the auspices of UNESCO.

Our Vision

Pioneering innovation & scientific research and enhancing cooperation in capacity building, as well as setting standards in the information & technology field regionally.

Our Mission

Promote applied research, education and training in the field of information and communication technology, while aiming to contribute in building a solid base of knowledge to meet the technical challenges facing Bahrain and the rest of the Arab countries at present and in the future.

Our training programs aim to

Promoting creativity, innovation and hands-on experience in information and communication technology in order to build capacities and professional skills as well as encouraging the production & publication of Arabic digital content thus achieving the fourth goal of sustainable development goals.

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Overall Goal of the Program

Enabling those involved in preparing training programs to produce training content that can be presented and applied online according to systematic practical principles and standards.

By the end of the training program, the trainee is expected to be able to:

- Learn about online training.
- Compare training in general, remote training, as well as the technical training fields.
- Identify the training design system.
- Explain the importance of the training design system.
- Distinguish the characteristics of the training design system.
- Multiple standards of a good training design system.
- Describe the stages of the training design (ADDIE).
- Produce training content by following the steps of the ADDIE system.
- Prepare a guide for a remote training program

Number of accredited hours for the training program

15 Accredited Hours

Target Group

All those interested within or outside the Ministry of Education

Trainer Name

Dr. May Ahmed Shamandy Yaseen

Requirements for passing the program

- Attendance rate 80%.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / C 4/4.5
- Goal Target:  B.5





Overall Goal of the Program

Introduce participants to the concept of infographics, its forms and components.

By the end of the training program, the trainee is expected to be able to:

- Familiarize with the concept of infographics, its forms and components.
- Determine the characteristics of infographics and the effectiveness of their use.
- Employ certain standards for the production and design of the infographic using specific tools.

Number of accredited hours for the training program

15 Accredited Hours

Target Group

- Teachers / Senior Teachers / Specialists/All those interested within or outside the Ministry of Education

Trainer Name

Estiqlal Al Sayed Saeed Ali

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.7
- Goal Target:  5.5
- Goal Target:  8.2



Overall Goal of the Program

Inculcating and entrenching the values and goals of Sustainable Development 2030 (SDGs 2030) and translating them into positive behaviors

By the end of the training program, the trainee is expected to be able to:

- Learn about the Sustainable Development Goals 2030.
- Identify the fourth SDG goal, "Quality Education".
- Spreading the culture of the SDGs 2030 in society.
- Developing a project proposal that contributes to achieving the SDGs 2030, with a focus on the fourth SDG goal of education by employing modern technology.

Number of accredited hours for the training program

20 Accredited Hours

Target Group

- Teachers / Senior Teachers / Specialists / Senior Specialists / Assistant Managers/ School Principals / Directors/All those interested within or outside the Ministry of Education

Trainer Name

Aesha khalid AlQattan - Raja Abdulla AlKoheji

Requirements for passing the program

- Attendance.
- Submitting activities and assignment.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.7



Overall Goal of the Program

Introducing various touch screen devices, their types and importance, as well as employing a range of their applications in work and life.

By the end of the training program, the trainee is expected to be able to:

- Differentiate between the pros and cons of using touch screen devices in the educational process.
- Determine the reasons for using touch screen devices in the educational process.
- Use and employ practical applications for touch screen devices and STEAM applications.

Number of accredited hours for the training program

10 Accredited Hours

Target Group

- Educational support positions

Trainer Name

Hanan Mahmoud Sharaf

Requirements for passing the program

- Submitting activities and assignments.
- Passing quizzes
- Submitting the final project with a passing grade of 70%.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.7
- Goal Target:  8.2 / 8.3



Overall Goal of the Program

This program aims to establish the concepts of cloud computing applications and introduce participants to the applications and methods used in employing this technology in various fixed and portable computer environments.

By the end of the training program, the trainee is expected to be able to:

- Familiarize the trainees with the concept and characteristics of cloud computing.
- Identify the types of cloud computing services and models.
- Learn about the most popular cloud service providers.
- Learn about the advantages and opportunities of effective cloud computing.
- Highlight the benefits of using cloud computing in education and e-learning.
- Employing applications with cloud computing in education.

Number of accredited hours for the training program

15 Accredited Hours

Target Group

Teachers / Senior Teachers / All those interested within or outside the Ministry of Education

Trainer Name

Amina Abdulmohsin AlQarainis

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.7
- Goal Target:  8.2 / 8.3
- Goal Target:  5.1
- Goal Target:  12.8
- Goal Target:  17.6/17.8



Overall Goal of the Program

Enhancing the cognitive skills and practical applications of trainees required to develop and publish an electronic book.

By the end of the training program, the trainee is expected to be able to:

- Create an E-Book
- Use the basic tools of the program (Kotbi)
- Publish and sharing an E-Book

Number of accredited hours for the training program

15 Accredited Hours

Target Group

All those interested within or outside the Ministry of Education

Trainer Name

Hanan Mahmoud Sharaf

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project with passing grade of 70%.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.3/4.7
- Goal Target:  5.1
- Goal Target:  8.2
- Goal Target:  9.5



Overall Goal of the Program

Developing the skills and knowledge competencies of Ministry of Education employees in the Microsoft Power BI training program according to specific standards.

By the end of the training program, the trainee is expected to be able to:

- Familiarize the trainees with the basic components of Microsoft Power BI.
- Learn about the main components of Microsoft Power BI and the difference between them.
- Connect to data sources, to form data models and build reports using Microsoft Excel.
- Learn to utilize the Dashboard to include visualizations and graphs that show the required statistics that have been linked via an excel file.
- Use Power BI Desktop to share and publish reports online.

Number of accredited hours for the training program

10 Accredited Hours

Target Group

All those interested within or outside the Ministry of Education

Trainer Name

Hiba Abdulfattah AlJabr

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.c /4.7



Overall Goal of the Program

Developing the skills and knowledge competencies of Ministry of Education employees in the Microsoft Power BI training program according to specific standards.

By the end of the training program, the trainee is expected to be able to:

- Familiarizing trainees with the concept of standards.
- Familiarizing trainee with the characteristics of the standards.
- Differentiating between field, criteria and normative indicators.
- Identifying the indicators of the educational field.
- Identifying the technical field indicators.
- Identifying the indicators of managing digital educational content.
- Familiarizing with the terms used in the Standards guide for Digital Educational Content Production.
- The trainee will be able to use the standards guide for digital educational content production.
- Evaluate digital educational content.
- The trainee will be able to design digital educational content based on standards guide for digital educational content prod

Number of accredited hours for the training program

10 Accredited Hours

Target Group

Teachers/Technology education specialist.

Trainer Name

Maryam Ali Abdulla

Requirements for passing the program

- Attendance rate 100%.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / c.4



Overall Goal of the Program

Introducing the concept of digital learning objects as a form of digital educational content, and models for its design and production.

By the end of the training program, the trainee is expected to be able to:

- Familiarity with the concept of digital learning objects, their characteristics and advantages of using them.
- Apply digital learning objects design models and employ them in the educational process.
- Apply digital learning object design standards across an integrated project.

Number of accredited hours for the training program

15 Accredited Hours

Target Group

Teachers

Trainer Name

Estiqlal Al Sayed Saeed Ali

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.4 / 4.7



Overall Goal of the Program

Providing the trainees with the knowledge and skills related to the concept of moderation, types of electronic terrorism, and the role of teachers in promoting moderation and avoiding deviant thought and electronic terrorism among students.

By the end of the training program, the trainee is expected to be able to:

- The concept of moderation and its place in Muslim behavior.
- The pillars of moderation and the importance of adopting the moderate approach.
- The concept, causes and manifestations of intellectual deviation.
- Types of intellectual deviation, and the most prominent effects and risks.
- The concept and types of electronic terrorism.
- The stages and manifestations of catching and attracting young people via the Internet.
- The characteristics of extremist intellectual sites and the reasons for the youth's attraction to deviant thought on the Internet.
- Ways to confront intellectual deviation.
- The role of the teacher and the school in promoting moderation and avoiding deviant thought and electronic terrorism among students.

Number of accredited hours for the training program

5 Accredited Hours

Target Group

Teacher / Senior Teacher /Assistant Principal /School Principal
/ Specialist / Senior Specialist / Head

Trainer Name

Fatima Mahdi Hussain

Requirements for passing the program

- Completing a number of training activities during the training program

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.7





Overall Goal of the Program

Introducing the types of networks and understanding the mechanism of their work between devices (the content of the training program will be presented in English).

By the end of the training program, the trainee is expected to be able to:

- Create a Virtual Local Network.
- Use of different classes of IP address.
- Conduct a network connectivity test.

Number of accredited hours for the training program

15 Accredited Hours

Target Group

- Computer teachers / Technology in Education Specialists in schools.
- All interested from inside and outside the Ministry of Education.

Trainer Name

Saad Khalid Al Zubari

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal Target:  4.7/ 4.4
- Goal Target:  9.5



Includes a number of sub-training programs as follows

Sub-training programs	Number of accredited hours	Sub-training programs	Number of accredited hours
1. Fundamentals Program.	6	2. Planning for effective learning objectives Program.	3
3. Initiation and conclusion of the educational position program.	2	4. The skill of formulating questions in order to learn Program.	3
5. Multiple styles and intelligences in the classroom.	3	6. Differentiated Education Frameworks Program.	5
7. Principles of Assessment for Learning program.	5	8. Planning to achieve better outputs program.	6

Overall Goal of the program

Providing the trainees with the basic knowledge and skills in classroom management and the standards of conducting an effective lesson

By the end of the training program, the trainee is expected to be able to:

- Clarify the components of classroom management.
- Deduce the characteristics of the introductory activities and the conclusion of the lesson and the characteristics of each, with a discussion of practical examples.
- Explain the types of learning objectives and how to formulate them correctly with illustrative examples.
- Distinguish the types of class questions and methods of receiving students' answers for the sake of learning.
- Explain the components of differentiated education, some strategies, and procedures for their application with practical examples.
- Distinguish types of assessment and components of evaluation for learning.
- Explain how lessons are planned for better outcomes.

Target Group

New teachers / new specialists.

Trainer Name

Fatima Mahdi Hussain

Requirements for passing the program

- Attendance according to the number of hours specified for each training program.
- Implementation of training activities according to the subject of specialization.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Target: 4.7



Includes a number of sub-training programs as follows

Sub-training programs	Number of accredited hours	Sub-training programs	Number of accredited hours
1. Positive Classroom Management program.		2. Program of educational competencies and procedural objectives of education.	6
3. Classroom and student questions for learning program.	5	4. The differentiation recruitment program to support learners.	15
5. A program for effective start-up activities.	2	6. Effective conclusion of the lesson program.	3
7. A program for effective evaluation.	15	8. Program for developing higher order thinking skills for learners.	20

Overall Goal of the program

Providing trainees with the knowledge and skills necessary to achieve effective lesson standards more successfully in educational situations, while considering the integration of ISTE standards.

By the end of the training program, the trainee is expected to be able to:

- Clarify methods and procedures for managing students' behavior effectively, managing time productively, and raising students' motivation towards learning.
- ISTE Standards Statement that relates to Effective Lesson Standards.
- Distinguish types of educational competencies, success criteria and performance indicators.
- Explain ways to motivate students to ask questions in order to learn.
- Applying differentiated education strategies and measures to integrate them with technology in education.
- Statement of Assessment for Learning and Assessment as Learning.
- Statement of strategies for developing students' higher thinking skills.

Target Group

Experienced teachers, head teachers / experienced specialists, senior specialists / group heads and section heads.

Trainer Name

Fatima Mahdi Hussain

Requirements for passing the program

- Attendance according to the number of hours specified for each training program.
- Implementation of training activities.
- Applying the acquired skills in a mini-educational situation and in the presence of trainees, represented in the Employment Differentiation Program to support learners and for effective evaluation and development of higher order thinking skills for learners.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Target: 4.7



Includes a number of sub-training programs as follows

Sub-training programs	Number of accredited hours
1. A general framework program for classroom management, educational competencies and learning objectives.	6
2. . Founding effective introductory activities and employing differentiation to support learners.	5
3. The basic concepts program for classroom questions and students' questions for effective learning, evaluation and conclusion of the lesson.	5
4. Basics of developing higher-order thinking skills program for learners.	6

Overall Goal of the program

Introduce learners to effective lesson standards that are successful in educational situations and how to properly integrate them with ISTE standards by teachers.

By the end of the training program, the trainee is expected to be able to:

- Clarify the general framework for positive classroom management, educational competencies, and the basis for students' questions for learning.
- Demonstrate how to use differentiation to support learners and assessment effectively and to integrate them effectively with technology.
- Explain the basics of developing higher-order thinking skills for learners.
- The ISTE Standards Statement and how they relate to the Effective Lesson Standards.

Target Group

School leaders (principals and assistant directors).

Trainer Name

Fatima Mahdi Hussain

Requirements for passing the program

- Attendance according to the number of hours specified for each training program.
- Implementation of training activities according to the subject of specialization.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Target: 4.7



Overall Goal of the Program

- Learn the basics needed to integrate computational thinking, basic computer science, some physical computing, Minecraft, and more in the classroom.
- Learn key concepts for the complete My Minecraft journey, encourage competitive thinking by creating classroom challenges and the fundamentals of programming and computer science using both LEGO Education and Make Code.
- Learn an advanced set of skills and knowledge about how technology is used in the classroom to support STEM learning goals along with Minecraft and digital storytelling.

Number of accredited hours for the training program

- 20 Accredited Hours

Target Group

- All employees of the Ministry of Education

Requirements for passing the program

- Online training through the Microsoft Academy website.
- Passing 3 levels of the program.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Quality Education
- Goal:  Gender Equality
- Goal:  Decent Work and Economic Growth Target: 8.2
- Goal:  Affordable and Clean Energy Target: 7.1



Overall Goal of the Program

- Facilitate student collaboration.
- Facilitate skilled communication.
- Facilitate the construction of knowledge.
- Facilitate self-regulation.
- Facilitate real world problem solving and innovation.
- Facilitate students' use of information and communication tools (ICT).
- Utilizing information and communication technology to become an effective teacher.

Number of accredited hours for the training program

- 20 Accredited Hours

Target Group

- All employees of the Ministry of Education

Requirements for passing the program

- Training online through the Microsoft Academy website.
- Passing 8 online courses and the final exam.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Quality Education
- Goal:  Gender Equality
- Goal:  Decent Work and Economic Growth Target: 8.2
- Goal:  Affordable and Clean Energy Target: 7.1



Overall goal of the program

Enabling trainees of all ages to participate in effective roles and translate them into positive behaviors, both at the local and global levels, and to build more peaceful, tolerant, inclusive and secure societies.

By the end of the training program, the trainee is expected to be able to:

- Clarify some of the global citizenship education concepts.
- A statement of teaching and learning methods and strategies for global citizenship.
- Distinguishing GCED assessment and evaluation tools.
- Applying one of the strategies for integrating education for global citizenship in different educational situations.

Number of accredited hours for the training program

15 accredited hours

Target Group

Teacher, Senior Teacher, Assistant Principal, School Principal, Specialist, Senior Specialist, Head, Others.

Trainer Name

Raja Abdulla AlKooheji

Requirements for passing the program

- 70% attendance of the training program.
- A computer / Microsoft 365 account.
- Submission of the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  :Target : 4.5 /4.7



Overall goal of the program

Integrating the concept of "Education for Sustainable Development" within educational and training practices.

By the end of the training program, the trainee is expected to be able to:

- Understand what sustainable development is.
- Cover the Statement of United Nations efforts in education for sustainable development from 2005 to date.
- Learn about the United Nations Decade of Education for Sustainable Development.
- Learn about the program statement: Global Action on Education for Sustainable Development.
- Mastering the 2030 Education for Sustainable Development Framework.
- Be able to reorient Education for Sustainable Development.

Number of accredited hours for the training program

10 accredited hours

Target Group

All those interested from inside and outside the Ministry of Education

Trainer Name

Aesha Khalid Al-Qattan

Requirements for passing the program

- 70% attendance.
- Submitting the final project with a minimum score of 60%.

This program is aligned with the Sustainable Development Goals 2030

- Goal  :Target:4.7



Overall goal of the program

Improving the quality of education by enabling trainees to use Microsoft Teams in virtual classrooms correctly and effectively during the online learning process.

By the end of the training program, the trainee is expected to be able to:

- Explanation of the characteristics and features of the Microsoft Teams application.
- Demonstrate practical steps for employing the features and advantages of the Microsoft Teams application in the virtual classroom during the online learning process.
- Gain the skill of managing virtual classrooms using Microsoft Teams during the online learning process.
- Highlight updates and advanced features in the Microsoft Teams app.

Number of accredited hours for the training program

10 accredited hours

Target Group

- Teachers/specialists/students.

Trainer Name

Shayma Hijris/ Fayzah AlHumaigani

Requirements for passing the program

- 80% attendance of the training program.
- Microsoft Teams Course 1: All about Teams (presenter-led training) certification at <https://education.microsoft.com/>.
- Training of all teachers in the school (for educational technology).
- Submission of the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal :  Target: 4.6/4.7/4.4



Overall goal of the program

Improving the quality of education by enabling trainees to apply Microsoft Forms correctly in various assessment activities.

By the end of the training program, the trainee is expected to be able to:

- Explanation of ways to deal with the main tools and various services for Microsoft Forms.
- Describe the procedures for applying Microsoft Forms in various evaluation activities.
- Demonstrate different ways to set up quizzes and polls using Microsoft Forms.
- Highlight the updates and advanced features of Microsoft Forms.

Number of accredited hours for the training program

15 accredited hours

Target Group

- Teachers/specialists.

Trainer Name

Shayma Hijris/ Fayzah AlHumaigani

Requirements for passing the program

- 100% attendance.
- Obtaining the Microsoft Forms: Creating Authentic Assessments certificate at <https://education.microsoft.com/>
- To access the required certificate:
<https://education.microsoft.com/en-us/course/ac59d6bc/overview>
- Training of all teachers in the school (for educational technology specialists).
- Submission of the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal :  Target: 4.6/4.7/4.4



Overall goal of the program

Improving the quality of education by enabling trainees to apply Microsoft tools and applications in teaching, learning and assessment processes correctly and effectively.

By the end of the training program, the trainee is expected to be able to:

- Statement of requirements for obtaining the title of Microsoft Innovative Educator Expert (MIEE).
- The ability to employ global teaching and learning strategies and developments related to Microsoft tools and applications.
- Discuss examples and models for integrating Microsoft tools and applications into teaching, learning and assessment processes.

Number of accredited hours for the training program

30 accredited hours

Target Group

- Teachers/specialists.

Trainer Name

Shayma Hijris/ Fayzah AlHumaigani/ Solange Jarjour (Customer Success Manager at Microsoft Middle East Cluster)

Requirements for passing the program

- Statement of requirements for obtaining the title of Microsoft Innovative Educator Expert (MIEE).
- The ability to employ global teaching and learning strategies and developments related to Microsoft tools and applications.
- Discuss examples and models for integrating Microsoft tools and applications into teaching, learning and assessment processes.

This program is aligned with the Sustainable Development Goals 2030

- Goal :  Target: 4.6/4.7/4.C



Overall goal of the program

Improving the quality of education by enabling trainees to use and integrate Minecraft Education Edition correctly and effectively in their teaching and learning processes.

By the end of the training program, the trainee is expected to be able to:

- Describe the practical steps for implementing Microsoft Minecraft Education Edition in various subjects.
- Distinguishing ways to work with the main tools of Microsoft Minecraft Education Edition.
- Deducing advanced features in Microsoft Minecraft Education Edition .
- Discuss a set of examples and models Integrating Microsoft Minecraft Education Edition into teaching and learning processes.

Number of accredited hours for the training program

20 accredited hours

Target Group

- Teachers/ Specialists/ Students.

Trainer Name

Shayma Hijris/ Fayzah AlHumaigani.

Requirements for passing the program

- 80% attendance of the training program.
- Get a certificate (Minecraft: Education Edition Introduction to Game-Based Learning), from the Microsoft Education Community website.
- Train all teachers in the school and prepare a presentation with teacher apps.

This program is aligned with the Sustainable Development Goals 2030

- Goal :  Target: 4.6/4.7/4.4



Overall goal of the program

Improving the quality of education by enabling trainees to self-train and actively join the Microsoft Learning Community.

By the end of the training program, the trainee is expected to be able to:

- Microsoft Innovative Education (MIE) requirements statement.
- Highlight the practical steps for joining the Microsoft Learning Community.
- Clarify the skills necessary to obtain the various professional certificates according to the need for training.
- Explore a range of examples and models for integrating the program into teaching, learning and assessment processes.

Number of accredited hours for the training program

20 accredited hours

Target Group

- Teachers/ Specialists.

Trainer Name

Shayma Hijris/ Fayzah AlHumaigani.

Requirements for passing the program

- 100% attendance at the training program.
- Obtaining the title of Innovative Educator with the Microsoft Innovative Educator (MIE) certification.
- Submission of the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal :  Target: 4.6/4.7/4.C



Overall Goal of the Program

Spreading a culture of development and innovation.

By the end of the training program, the trainee is expected to be able to:

- Define the concept of virtual reality.
- Describe the characteristics of virtual reality.
- Distinguishing the interface of Unity 3D.
- Design a scenario using brainstorming techniques and timelines to create a virtual reality software diagram idea for one of the learning objectives.
- Enhancing collaborative work skills by working as a team to produce a virtual reality software model for one of the learning objectives.
- Applying the skills of virtual reality using the Unity 3D program to produce a software for one of the learning objectives.

Number of accredited hours for the training program

15 Accredited Hours

Target Group

Teacher, Senior Instructor, Specialist, Senior Specialist.

Trainer Name

Huda Abdul Rahman Al-Hamed.

Requirements for passing the program

- Producing a blueprint for a software idea in virtual reality (group work).
- Producing a software model for virtual reality (individual work).
- Trainees must attend all meetings.

This program is aligned with the Sustainable Development Goals 2030

• Goal Target:



• Goal Target:





الرقم	اسم البرنامج التدريبي	الأهداف	الغاية
1	Preparing online training materials	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.</p> <p>5. Achieve gender equality and empower all women and girls.</p>	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.C By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p> <p>4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.</p> <p>5.B Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women.</p>
2	Effective Infographic Design Criteria	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.</p> <p>5. Achieve gender equality and empower all women and girls.</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p>	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>5.5 Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision making in political, economic and public life.</p> <p>8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.</p>



Number	Training Program title	SDG Goals	SDG Targets
3	Sustainable Development Goals 2030	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development.
4	Applications in Technology for Educational Support Professions	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development. 8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors. 8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium sized enterprises, including through access to financial services.



Number	Training Program title	SDG Goals	SDG Targets
5	<p style="text-align: center;">Cloud Computing Applications</p>	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.</p> <p>5. Achieve gender equality and empower all women and girls</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all.</p> <p>12. Ensure sustainable consumption and production patterns.</p> <p>17. Strengthen the means of implementation and revitalize the global partnership for sustainable development.</p>	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development.</p> <p>5.1 End all forms of discrimination against all women and girls everywhere.</p> <p>8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors.</p> <p>8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.</p> <p>12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature</p> <p>17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, at the United Nations level, and through a global technology facilitation mechanism.</p> <p>17.8 Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology.</p>



Number	Training Program title	SDG Goals	SDG Targets
6	Designing and Publishing E-Book	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p>	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development.</p> <p>5.1 End all forms of discrimination against all women and girls everywhere.</p> <p>8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors.</p> <p>9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending</p>
7	Interactive Data Visualization and Analytics by Using Microsoft Power BI	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p>	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development.</p> <p>4.C By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p>



Number	Training Program title	SDG Goals	SDG Targets
8	Standards Guide for Producing Digital Educational Content	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.c By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.
9	Digital Learning Objects Concept, Design, and Production	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.
10	Basic concepts in Intellectual Fortification Skills (Online)	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.
11	Network Fundamentals	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development. 9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.



Number	Training Program title	SDG Goals	SDG Targets
12	For sustainable learning - First: Educational Establishment	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development.
13	For sustainable learning -Second: Educational Construction		
14	For sustainable learning - Third: Educational Leadership		
15	Science, Technology, Engineering, and Math (STEM) lessons with Microsoft (STEM)	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.	7.1- By 2030, ensure universal access to affordable, reliable and modern energy services. 8.2-Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors
16	Microsoft Certified Educator (MCE)	5. Achieve gender equality and empower all women and girls. 7. Ensure access to affordable, reliable, sustainable and modern energy for all . 8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all.	



Number	Training Program title	SDG Goals	SDG Targets
17	Global Citizenship Education Program (GCED)	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development. 4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.
18	Education for Sustainable Development	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.	4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.



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19	Microsoft Teams		
20	Microsoft Forms	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.6 Percentage of population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills, by sex.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p>
21	Microsoft Innovative Educator Expert (MIEE)		



Number	Training Program title	SDG Goals	SDG Targets
22	Minecraft: Education Edition	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.	<p>4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.6 Percentage of population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills, by sex.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p>
23	(MIE) Microsoft Innovative Educator	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.	<p>4.6 Percentage of population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills, by sex.</p> <p>4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>4.c By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p>
24	Unity© 3D Virtual Reality Training Program	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.</p> <p>9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p>	



Find Us on: **Rcictbahrain**



 **+973 17711208 - +973 17711212**  **Rcict@moe.bh**

www.regcict.com