



# Using Massive Open Online Courses (MOOC) as a Tool for Life Long Learning

**DR OSAMA AL MAHDI**

---

**BAHRAIN TEACHERS COLLEGE**

Presentation in eLearnit 2020 Virtual Conference Navigating Through COVID-19 to Ensure Quality Learning 9-11 June 2020

# Main points

---

1. Introduction to the 21st learning skills
2. Explore different resources of online learning such as (OCW), (MOOC).
3. Reflect on how these resources can be used for lifelong learning or continuous professional development – especially through Covid19

# What are the most important Learning skills in the 21<sup>st</sup> century?

---

# What are the most important Learning skills in the 21<sup>st</sup> century?

---

## Learning

1. Life and career skills.
2. Learning and innovation skills
3. ICT skills
4. Key subjects – Reading, writing and arithmetic



## Teaching

1. Standards and assessment
2. Curriculum and instruction
3. Professional development
4. Learning environments

# What are the most important Learning skills in the 21<sup>st</sup> century?

## Learning

1. **Life and career skills.**
2. Learning and innovation skills
3. **ICT skills**
4. Key subjects – Reading, writing and arithmetic



## Teaching

1. Standards and assessment
2. Curriculum and instruction
3. **Professional development**
4. Learning environments

What is your favourite online learning website?

---

# What is (OCW) & (MOOC) ?

---

OpenCourseWare (OCW) are course lessons created at universities and published for free via the Internet.

A Massive Open Online Course (MOOC) is an interactive step-by-step course aimed at reaching an unlimited number of participants worldwide to create a community of lifelong learners.

# Let's see some examples !

---



# Massachusetts Institute of Technology (MIT)

The screenshot shows the MIT OpenCourseWare (OCW) website homepage. At the top, the header reads "MIT OPEN COURSEWARE" and "MASSACHUSETTS INSTITUTE OF TECHNOLOGY". Navigation links include "Home", "FIND COURSES", "For Educators", "Give Now", and "About". A search bar is located on the right. The main content area features a large banner for "OCW Scholar" with the text "Complete courses for independent learners" and a button to "See the collection". Below this, a grid of course thumbnails is displayed, including Chemistry, Psychology, Engineering Dynamics, Electrical Engineering, Programming, Differential Equations, Calculus I, Biology, Linear Algebra, Microeconomics, Calculus II, and Probability. A "Support OCW" section is visible, featuring a testimonial from Luiz, a self-learner from Brazil, and a "GIVE NOW" button. The "FEATURED COURSES" section at the bottom shows a carousel of course thumbnails, including "EDUCATOR", "VIDEO" (electron-hole pair), "NEW" (baby), and "VIDEO" (lock).

MIT OPEN COURSEWARE  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Help | Contact Us

Home FIND COURSES For Educators Give Now About Search Search Tips

OCW Scholar  
Complete courses for independent learners

» See the collection

Chemistry Psychology Engineering Dynamics Electrical Engineering  
Programming Differential Equations  
Calculus I Biology Linear Algebra  
Microeconomics Calculus II Probability

1 2 3 4 5 6

Support OCW

I need to understand spoken English and improve my scientific knowledge. There's nothing better than lectures on my scientific areas."

Luiz  
Self Learner  
Brazil

GIVE NOW

FEATURED COURSES

» Find Courses


EDUCATOR VIDEO NEW VIDEO

electron-hole pair

OCW makes the materials used in the teaching of MIT's subjects available on the Web.

<https://ocw.mit.edu/index.htm>

# Yale University



The screenshot shows a web browser window with the URL <https://oyc.yale.edu/>. The browser's address bar and tabs are visible at the top. The website's header features the Yale University logo and a search bar. The main content area is titled "Open Yale Courses" and includes a navigation menu with links to "Courses", "About", "Terms of Use", and "Support OYC". A featured course, "Roman Architecture with Diana E. E. Kleiner", is highlighted with a photo of the professor and a quote. Below this, a paragraph describes the Open Yale Courses project, and a list of bullet points provides additional details about the course offerings.

Yale University

HELP SEARCH THIS SITE

## Open Yale Courses

[Courses](#) [About](#) [Terms of Use](#) [Support OYC](#)

[Roman Architecture with Diana E. E. Kleiner](#)

"To construct soaring vaults out of concrete, to face them with brick, to create windows large enough to dematerialize the wall - to do that at this kind of scale is an incredible architectural feat."

[Previous](#) | [Next](#)

**Open Yale Courses** provides free and open access to a selection of introductory courses taught by distinguished teachers and scholars at Yale University. The aim of the project is to expand access to educational materials for all who wish to learn.

- All lectures were recorded in the Yale College classroom and are available in video, audio, and text transcript formats
- Registration is not required
- No course credit, degree, or certificate is available through the Open Yale Courses website. However, courses for Yale College credit are offered online through Yale Summer Online including OYC professors John Rogers and Craig Wright."

# Open University (Open Learn)


Free courses - OpenLea X

The Open University [GB] https://www.open.edu/openlearn/free-courses#

The Open University | Study with The Open University

**OpenLearn** Free Learning from The Open University

Search for free courses, interactives, videos and more!


 50 YEARS

Home Latest **Free courses** Subjects Skills TV & Radio

Create account / Sign in

## Free courses

- All our free courses
- Why study a free course on OpenLearn?
- Advantages of enrolling on a free course
- Badged courses
- Frequently asked questions
- Study with The Open

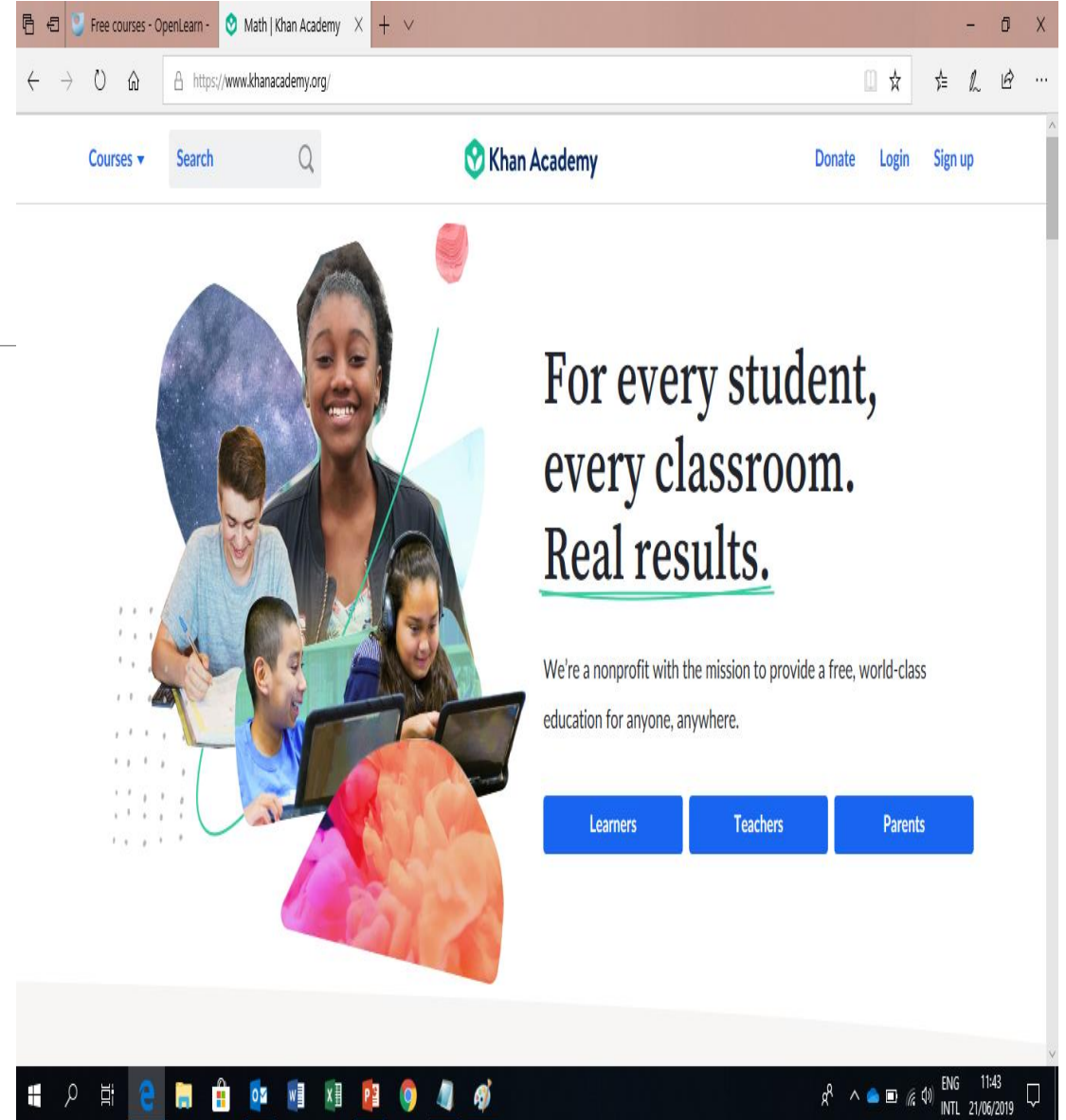


## Free courses

Produced by The Open University, a world leader in open and distance learning, all OpenLearn courses are free to study. We offer nearly 1000 free courses across 8 different subject areas. Our courses are available to

Windows taskbar: ENG 11:40, INTL 21/06/2019

# Khan Academy



The screenshot shows the Khan Academy website in a web browser. The browser's address bar displays <https://www.khanacademy.org/>. The website's navigation bar includes a "Courses" dropdown, a "Search" input field, the "Khan Academy" logo, and links for "Donate", "Login", and "Sign up". The main content area features a large, colorful illustration of a smiling woman (a teacher) surrounded by four students (three boys and one girl) who are engaged in learning activities like writing and using tablets. To the right of the illustration, the text reads: "For every student, every classroom. Real results." Below this, a paragraph states: "We're a nonprofit with the mission to provide a free, world-class education for anyone, anywhere." At the bottom of this section are three blue buttons labeled "Learners", "Teachers", and "Parents". The Windows taskbar at the bottom of the screen shows various application icons and the system clock indicating 11:43 on 21/06/2019.



# Coursera

The screenshot shows a web browser window with the Coursera website. The address bar displays the URL <https://www.coursera.org/browse/social-sciences/education>. The page header includes the Coursera logo, an "Explore" button, a search bar with the placeholder text "What do you want to learn?", and links for "For Enterprise", "Log In", and "Join for Free".

The main content area has a dark blue header with the text "Education". Below this, a paragraph states: "Education courses explore the practice of teaching from both an applied and theoretical perspective. Subtopics include educational policy, education technology, K-12 education, and teacher training".

A filter bar is present with the text "Filter by:" followed by several dropdown menus: "Skills", "Job Title", "Level", "Language", "Type", and "Creator".

Below the filter bar, a section titled "Earn Your Degree" features three course cards:

- Global Master of Public Health**  
from Imperial College London
- Master of Public Health**  
from the University of Michigan
- Instructional Design MasterTrack™ Certificate**  
from the University of Illinois

The Windows taskbar is visible at the bottom of the screen, showing various application icons and the system clock indicating 11:47 on 21/06/2019.

# University of London

The screenshot shows a web browser window with the Coursera website. The address bar displays the URL: [https://www.coursera.org/learn/ict-primary-education?action=enroll&ranEAID=QB8%2FWso%2FfaNU&ranMID=40328&ranSiteID=QB\\_Wso\\_faNU-904mf](https://www.coursera.org/learn/ict-primary-education?action=enroll&ranEAID=QB8%2FWso%2FfaNU&ranMID=40328&ranSiteID=QB_Wso_faNU-904mf). The Coursera logo and navigation links are at the top. The course title 'ICT in Primary Education: Transforming children's learning across the curriculum' is prominently displayed, along with the University of London logo. The course has a 4.6-star rating from 52 ratings and 13 reviews. A button 'Enroll for Free' is visible, with a note 'Starts Jun 21' and 'Financial aid available'. Below this, it states '5,083 already enrolled!'. At the bottom of the course card, there are links for 'About', 'Syllabus', 'Reviews', 'Instructors', 'Enrollment Options', and 'FAQ'. The Windows taskbar at the bottom shows various application icons and the system clock indicating 12:06 on 21/06/2019.

Free courses - OpenLearn - Education Online Courses | ICT in Primary Education X +

What do you want to learn? For Enterprise Log In Join for Free

Browse > Social Sciences > Education

Offered By

UNIVERSITY OF LONDON

ICT in Primary Education:  
Transforming children's learning  
across the curriculum

★★★★★ 4.6 52 ratings • 13 reviews

Enroll for Free  
Starts Jun 21

Financial aid available

5,083 already enrolled!

About Syllabus Reviews Instructors Enrollment Options FAQ

ENG 12:06  
INTL 21/06/2019

# Microsoft Educator

The screenshot shows the Microsoft Educator Community website in a web browser. The browser's address bar displays <https://education.microsoft.com/>. The page header includes the Microsoft logo, the word "Community", and navigation links for Training, Resources, Programs, Community, and Skype in the Classroom. A search icon, a notification bell with a red "1", and a "Sign In" link are also present. The main banner features a classroom scene with the text "Welcome Educator!" and the subtitle "Learn new skills, discover classroom activities and earn badges and certificates!". Below the banner is a "FILTER BY +" button. A section titled "Overview" with a "View All" link follows. A blue promotional banner for the "Microsoft Educator Center" includes a shield icon with three people, the text "Try the new Microsoft Educator Center", a description of the experience, and a "TRY IT" button. The "Featured" section displays a row of five image thumbnails: a classroom, a sea turtle, a group of people, a globe, and a group of people looking at a screen. A "More" link is to the right of the thumbnails. The Windows taskbar at the bottom shows various application icons, the system clock at 12:00, and the date 21/06/2019.

# Future Learn

The screenshot shows the Future Learn website in a web browser. The browser's address bar displays <https://www.futurelearn.com/courses>. The website's header includes the Future Learn logo, navigation links for 'Categories', 'Courses', and 'Using FutureLearn', a search bar with the placeholder text 'Search online courses', and a 'Sign in' button. The main content area features the heading 'Short online courses' followed by the text 'Choose from hundreds of online courses from top universities and specialist organisations.' Below this is a section titled 'Explore our popular courses' which displays three course cards. The first card, from the University of Groningen, is titled 'Young People and Their' and features a cartoon illustration. The second card, from Humanists UK, is titled 'Humanist Lives' and shows a collage of people's faces. The third card, from the London College of Fashion, is titled 'Fashion and' and depicts hands holding fabric. At the bottom of the page, a cookie consent banner states: 'We use cookies to give you a better experience. Carry on browsing if you're happy with this, or read our [cookies policy](#) for more information.' A 'Support' link is also visible in the bottom right corner. The Windows taskbar at the very bottom shows various application icons and the system clock indicating 12:55 on 21/06/2019.

Future Learn


Categories Courses Using FutureLearn

Search online courses Sign in

## Short online courses


Choose from hundreds of online courses from top universities and specialist organisations.

### Explore our popular courses




University of Groningen

Young People and Their



Humanists UK

Humanist Lives



London College of Fashion

Fashion and

We use cookies to give you a better experience. Carry on browsing if you're happy with this, or read our [cookies policy](#) for more information.

Support

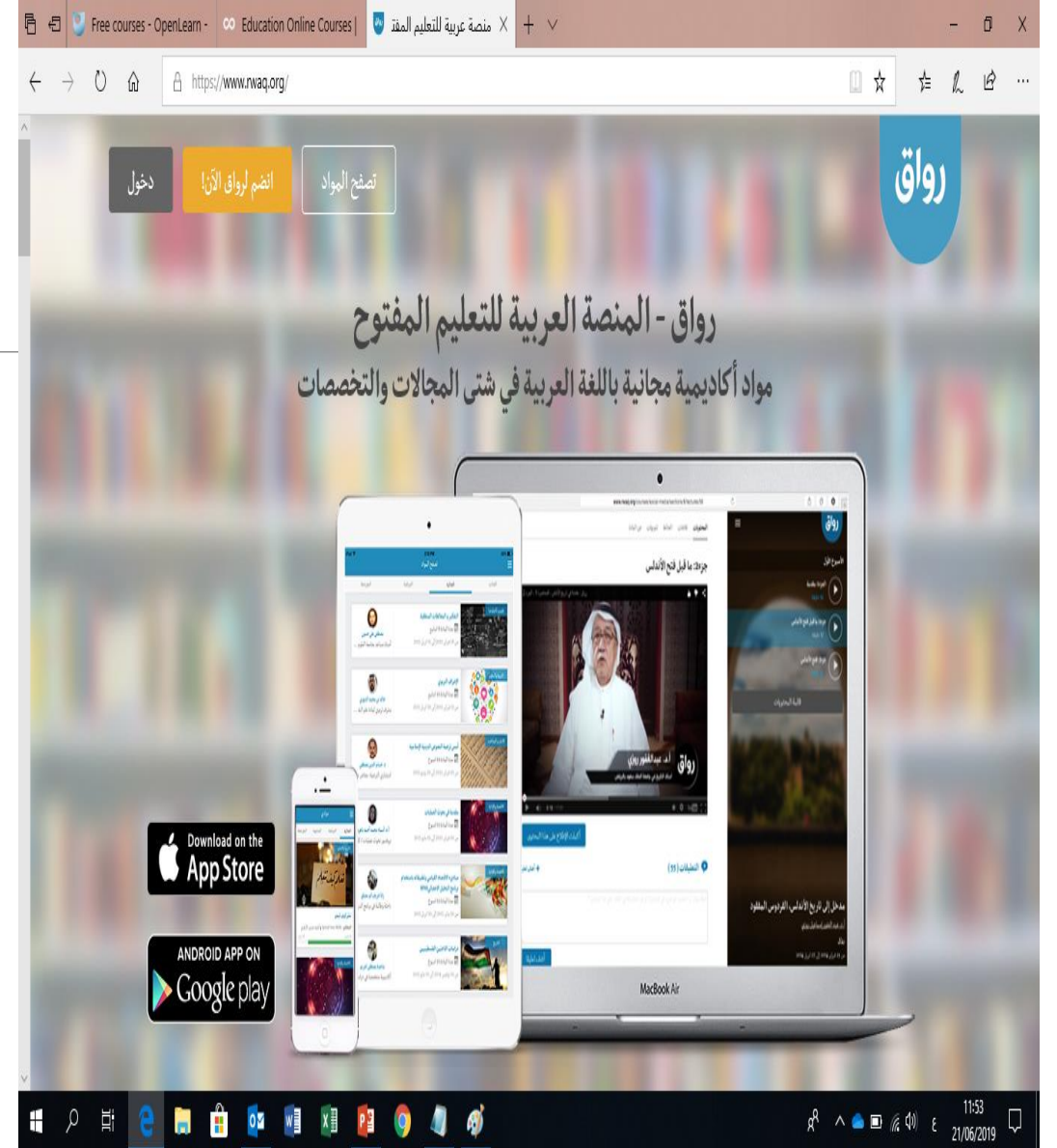
ENG 12:55  
INTL 21/06/2019



# Are there Arabic on-line learning resources?

---

# موقع رواق



# موقع إدراك

Free courses - OpenLearn - Education Online Courses | الصفحة الرئيسية | إدراك

https://www.edraak.org/

جديد

الصفحة الرئيسية

التعلم المستمر

التعلم المدرسي

إدراك

إحدى مبادرات مؤسسة الملكة رانيا

تعليم مجاني إلكتروني باللغة العربية!

إدراك

أينما تريد أن تتعلم اليوم؟

ابحث

التعلم المدرسي

إدراك للتعليم المدرسي توفر موارد تعليمية مجانية تحاكي المناهج المدرسية من رياض الأطفال وحتى الصف الثاني عشر.

المواد <

التعلم المستمر

إدراك للتعليم المستمر توفر مساقات مجانية عالية الجودة في مجالات مختلفة لجميع المتعلمين الناطقين باللغة العربية.

المساقات <

11:55 21/06/2019

# My experiences as an online learner

---

Yale University

UNICEF

Microsoft Education

Microsoft Education

UNICEF

[Introduction to Psychology](#)

[Disability Orientation](#)

[Teaching Sustainable Develop. Goals](#)

[21st Century Learning Design](#)

[Inclusive Communication Module](#)

# My experiences as an online learner

---

UNICEF

[Child's Rights and why they Matter](#)

BIPA

[Effective Leadership Characteristics](#)

OpenLearn – Open Uni.

[Getting started with SPSS](#)

OpenLearn – Open Uni.

[Psychology in the 21st Century](#)

OpenLearn – Open Uni.

[Understanding Dyslexia](#)

Explore the websites ..

---

Let's share our learning experiences ..

---

For further information:

Dr Osama Al Mahdi

[oalmahdi@uob.edu.bh](mailto:oalmahdi@uob.edu.bh)