

Tips & Tricks while teaching remotely



EIT RawMaterials is supported by the EIT,
a body of the European Union



THE ONLINE TOOLS NAVIGATOR

What to consider when choosing your online tool?

- Intergration with other platform
- User Experience - Mobile and Web
- Price



European Institute of
Innovation & Technology

The EIT is a body of the European Union



The Online Tools Navigator

Find your online way.

What is your need?



Our recommended combination:

Business Creation: hivebrite + slack + zoom

Innovation: swapcard + miro + SurveyMonkey

Education: KALTURA + Kahoot! + BIZZABO



This map does not include all available online tools, just the ones we found the most useful.

Missing an important tool? [Send us an e-mail >>](#)

EDUCATION– WEBINARS & VIDEO CONFERENCING



Google Meet

Keep your team connected with enterprise-grade video conferencing built on Google's robust and secure global infrastructure.

Meet is included with G Suite and G Suite for Education.

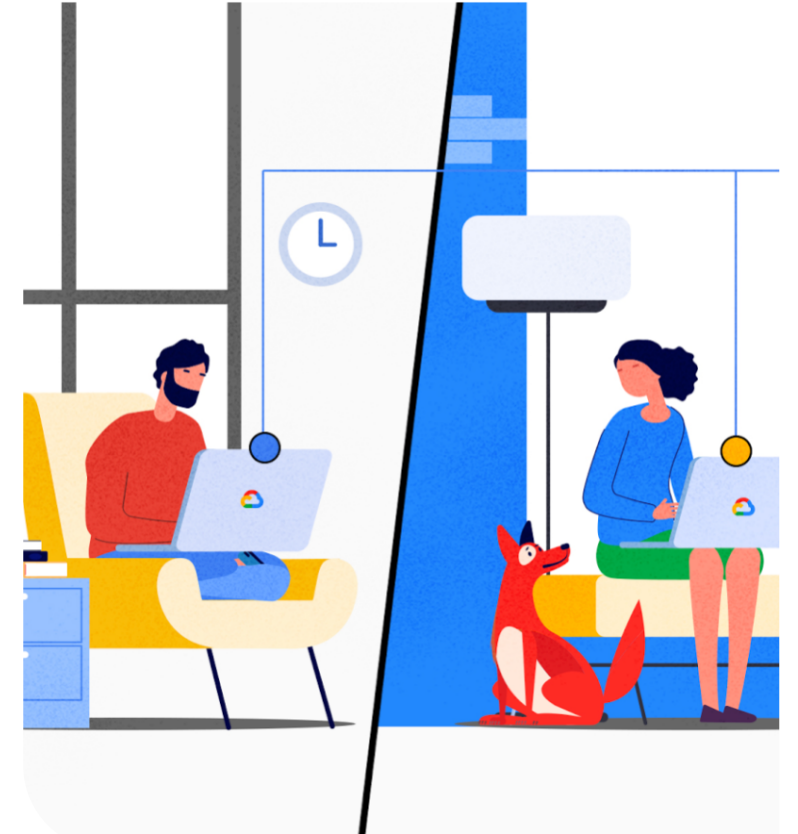
Link: meet.google.com

Tutorial:

- [Google Meet training and help](https://www.google.com/training/course/track/google-meet)
- youtu.be/K6vwkDZCOAY

Price:

Free access to advanced Google Meet video-conferencing capabilities for all G Suite and G Suite for Education customers globally has been extended to September 30, 2020. [Read more](#)



EDUCATION– WEBINARS & VIDEO CONFERENCING

zoom Zoom

Modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, chat, and webinars.

Link: zoom.us

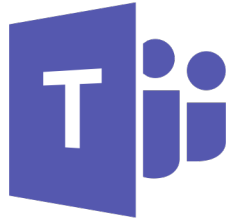
Tutorial: [Zoom Video Tutorials](#)

Price: Free signup

Zoom is temporarily lifting the 40-minute time limit on free Basic accounts for schools affected by the Coronavirus. Here's how to get access for your school. [Learn more](#)



EDUCATION– WEBINARS & VIDEO CONFERENCING



Microsoft Teams

Communication and collaboration platform that's part of Office 365. Online meetings, live events, audio conferencing.

Link: [Transform online meetings with Microsoft Teams](#)

Tutorial: [Get started with Microsoft Teams](#)

Price: available as part of the Office 365 package



EDUCATION– WEBINARS & VIDEO CONFERENCING



Cisco webex

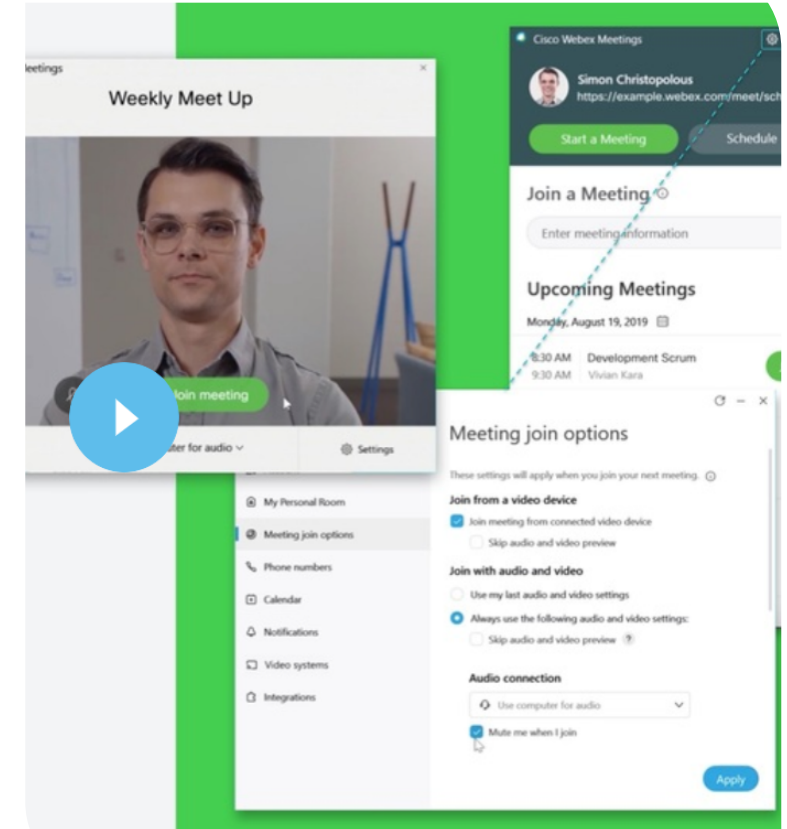
Video conferencing, online meetings, screen share, and webinars.

Link: www.webex.com

Tutorial: [Cisco Webex Meetings Video Tutorials](#)

Price: Free Webex Meetings Offer

Cisco Webex Available Free in These Countries and Regions (COVID- 19 Response). [Learn more](#)



EDUCATION– WEBINARS & VIDEO CONFERENCING



Google classroom

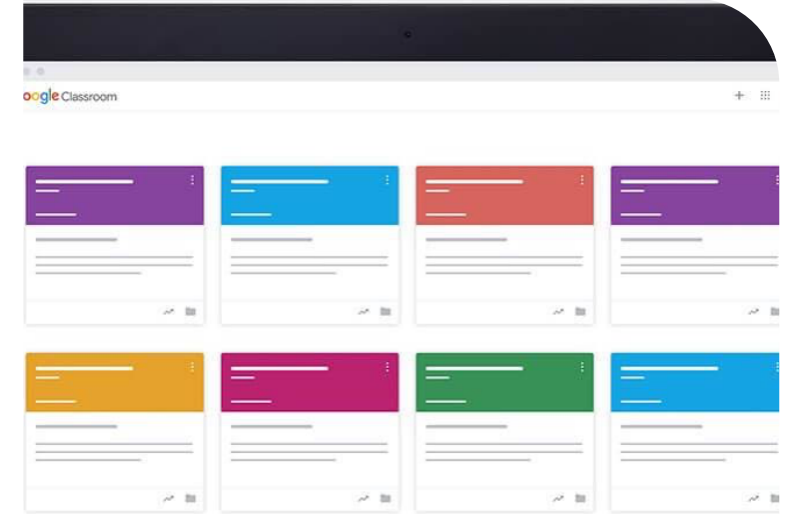
Classroom helps students and teachers organize assignments, boost collaboration, and foster better communication.

Link: classroom.google.com

More info:

- Manage teaching and learning with Classroom
- Creating new possibilities in higher education

Price: Part of G Suite for Education



TEAMWORK – GROUP CHATS

Slack

Slack is a collaboration hub, where the people and the information come together, helping everyone get work done.

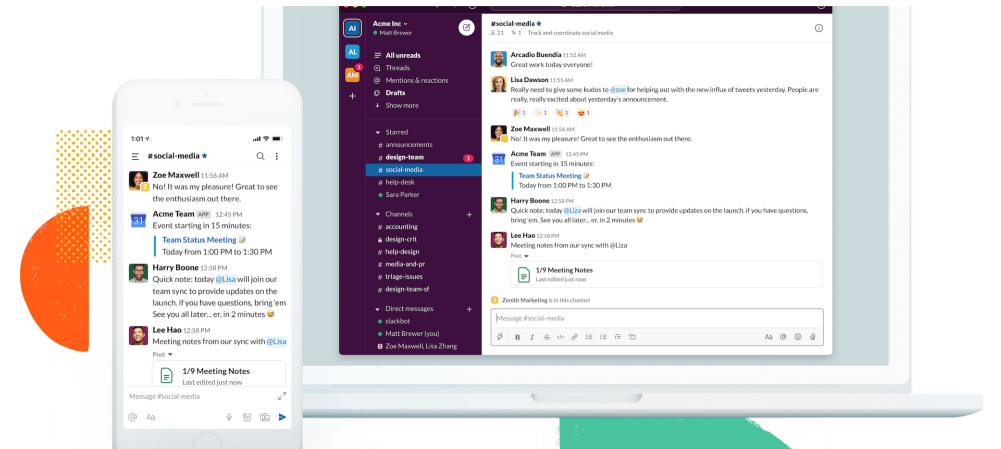
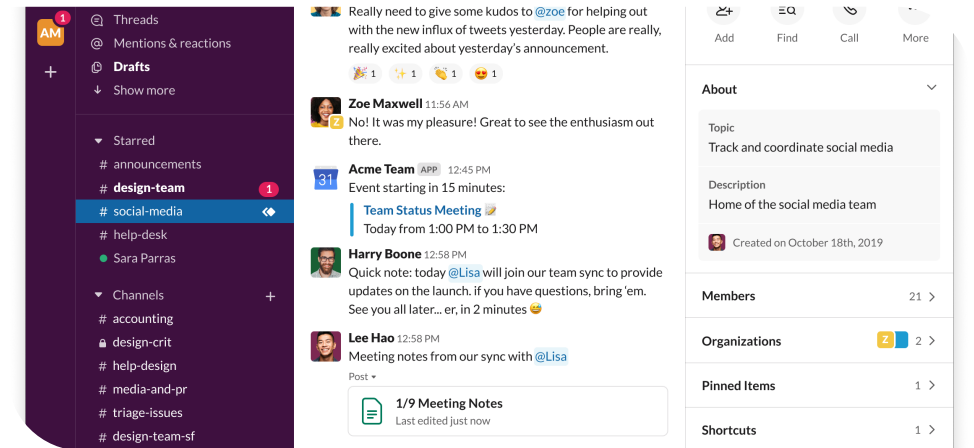
Allows for organizing chats through channels.

App integration possible (polls, file exchange, project management tools).

Link: slack.com

Tutorial: [Top 5 tips for getting started in Slack](#)

Price: free and paid plans



TIME MANAGEMENT – SCHEDULING & TO-DO LIST

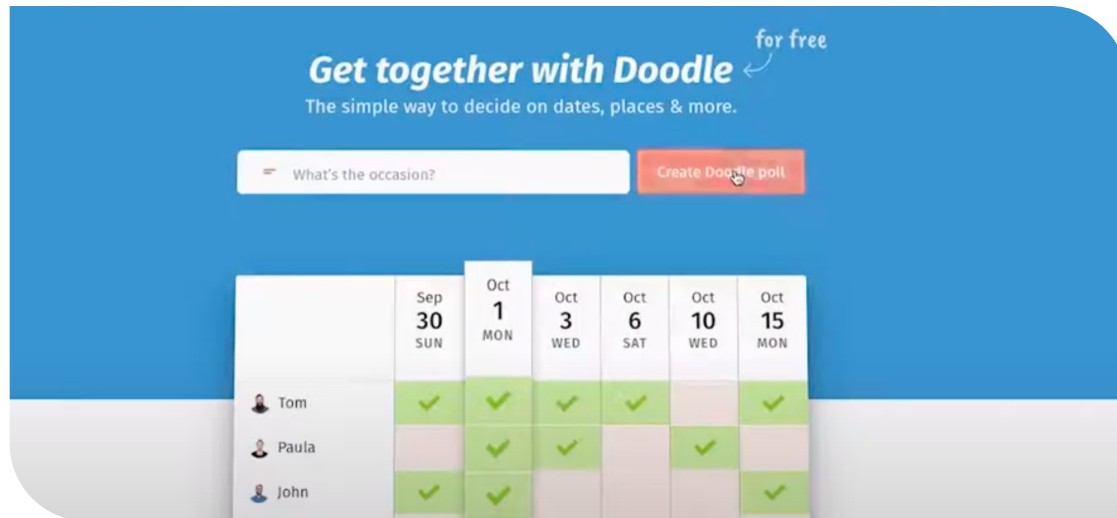
Doodle

“The world's most efficient way to schedule meetings”

Link: doodle.com

Video tutorial: [How to Create a Doodle Poll](#)

Price: free and paid plans



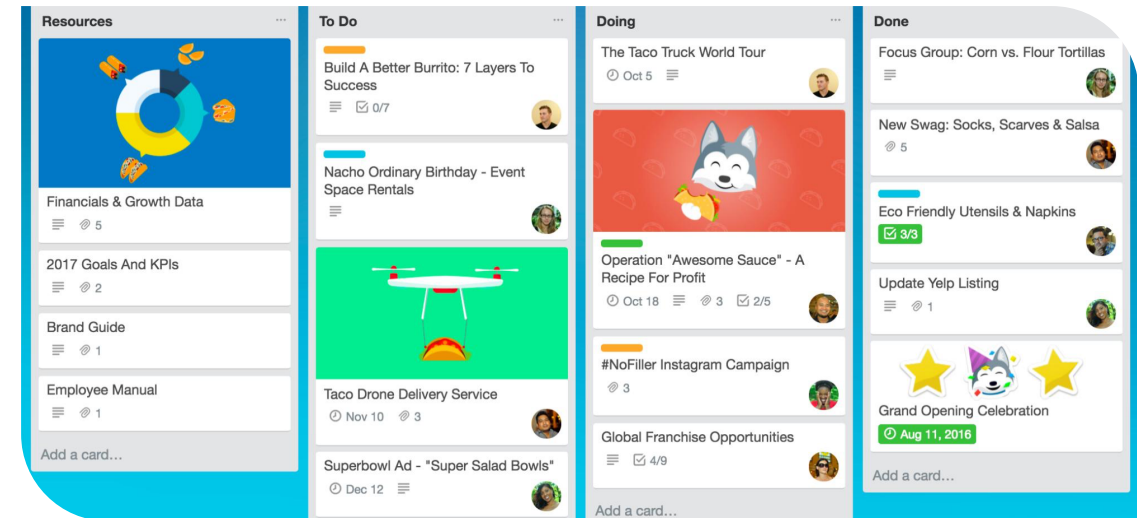
Trello

Trello keeps track of everything, from the big picture to the minute details. Good for to-do list and brainstorming.

Link: trello.com/

Video tutorial: [Take A Tour Of Trello](#)

Price: free plan available



COLLABORATIVE WORK – GOOGLE DOCS

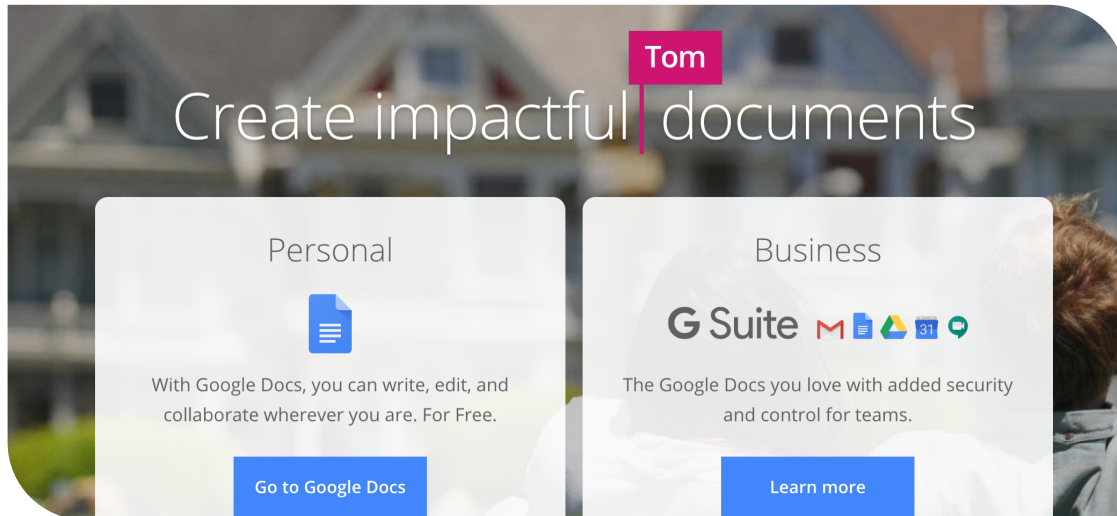
Google docs

One document – many editors

Link: docs.google.com/

Video tutorial: [Google Docs Beginners Tutorial 2020 24'](#)

Price: free signup



10 G Suite tips to work with remote teams

Hold video meetings and remote events with team members

Give presentations to remote audiences

Edit team documents in real time

Store, share, and access team resources from anywhere in the world

Broadcast the latest information to large groups or teams

Simplify communication with a team mailing list

Coordinate project plans and schedules

Stay organized with team calendars

Empower team members with project or team rooms

Collect information from team members or customers

source: support.google.com/a/users/answer/9283051

COLLABORATIVE IDEA GENERATION AND VISUAL FEEDBACK

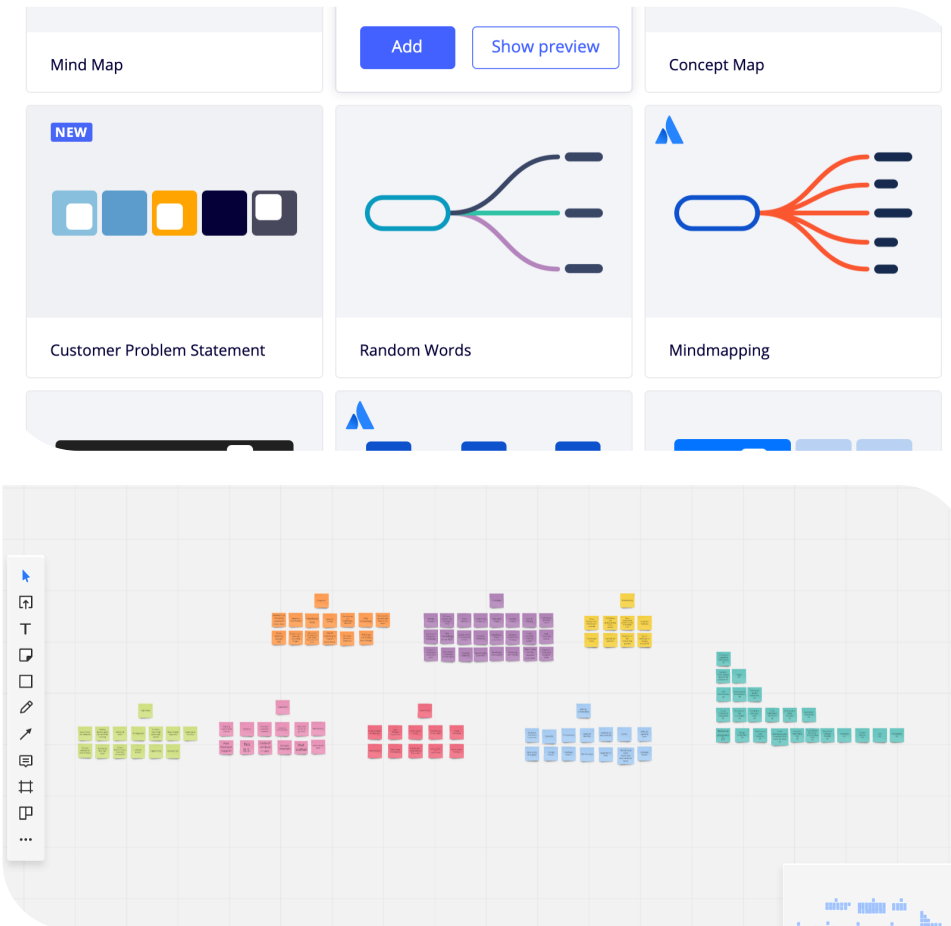
Miro

Collaborative online whiteboard platform.

Link: miro.com

Tutorial: [Getting Started with Miro: Board Basics](#)

Price: free and paid plans



DISTANCE LEARNING TOOLS

Kahoot

Create fun learning games & quizzes in minutes

Link: kahoot.com

Video tutorial: [What is Kahoot!?](#)

Price: free signup



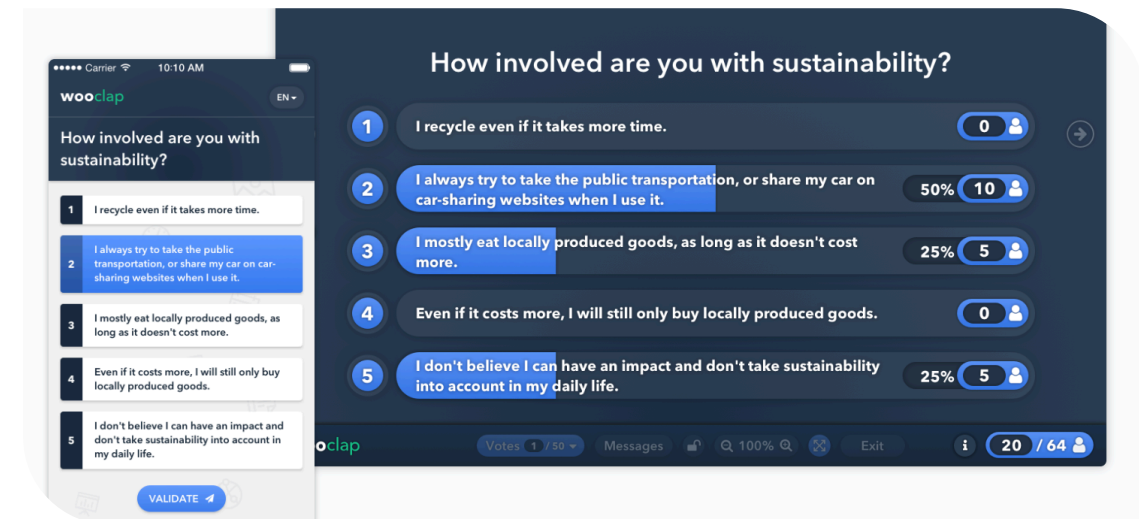
Wooclap

Live learning; Interact & vote with your smartphone, tablet or computer during live presentation.

Link: www.wooclap.com

Video tutorial: [How to use Wooclap for Distance Learning?](#)

Price: free plan available



SLIDES AND PRESENTATION

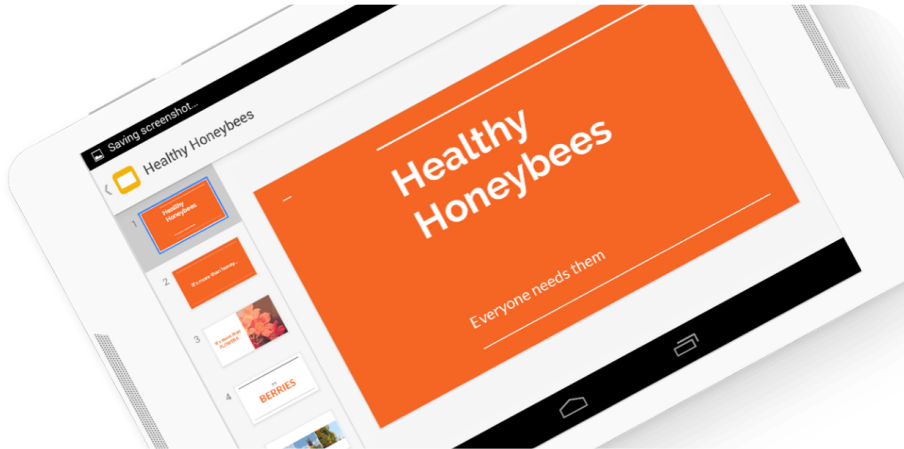
Google slides

part of Google Docs

Link: www.google.com/slides/about/

Video tutorial: [Google Slides: Getting Started](#)

Price: free



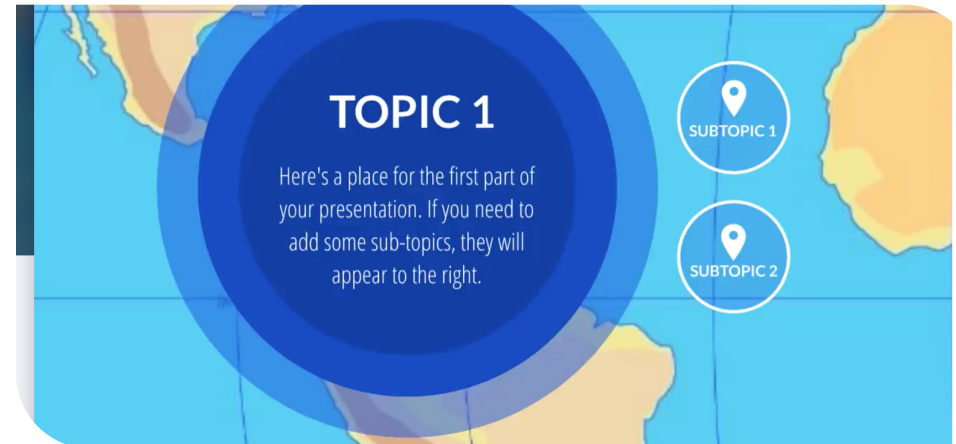
Prezi

The presentation software that uses motion, zoom, and spatial relationships to bring your ideas to life and make you a great presenter.

Link: prezi.com

Prezi tutorial: [Get started in Prezi Next](#)

Price: free or premium



ONLINE MEETINGS/WEBINARS – BOOST ENGAGEMENT

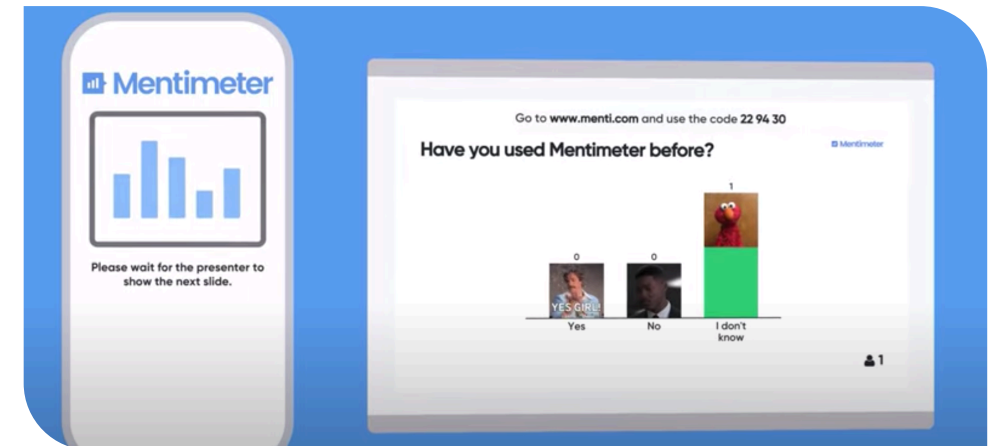
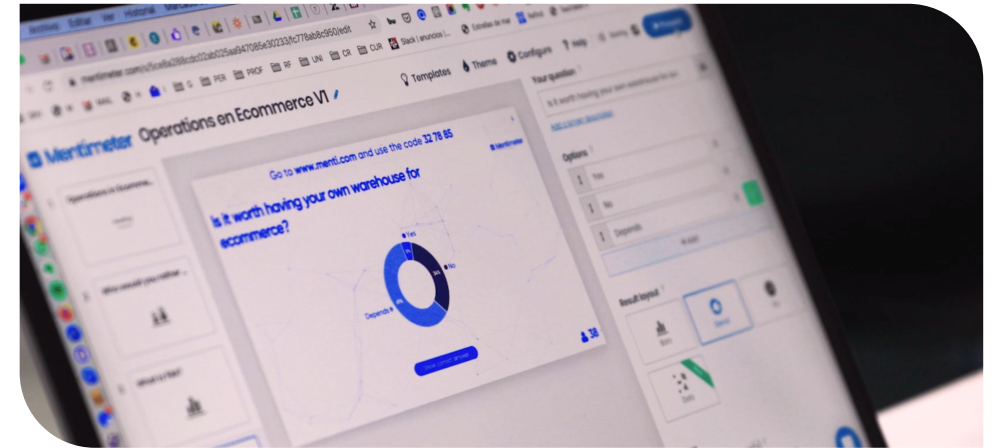
Mentimeter

- Engage and interact with colleagues using live polls, word clouds, multiple-choice questions and more
- Collect feedback in order to continually improve, both pre and post a session
- Ensure everybody is heard even in online meetings
- Enable Q&A so that queries and questions can be discussed to avoid misunderstandings
- Collaboratively rank and prioritize questions and initiatives
- Maintain a strong team culture across distance

Link: www.mentimeter.com

[How to create your first Mentimeter presentation](#)

Price: free and paid plans



VIRTUAL FIELD TRIP APPS AND WEBSITES

"Field trips are informal learning experiences that get students out into the world, exploring the world and students' interests.

During field trips, students discover new things and learn in authentic environments, placing classroom content into new contexts.

Unfortunately, for many schools and students, field trips are rare (if they happen at all). Thankfully, there are great games, apps, and websites that can bring places and experiences fostered by field trips to the classroom. While not an outright replacement, these field trip tools can offer inspiring and intriguing experiences for students."

source: <https://www.commonsense.org/education/top-picks/virtual-field-trip-apps-and-websites>



Apollo 11 VR

Thrilling VR experience needs creative teaching to truly soar

Bottom line: If infused with good teaching, this cinematic experience can provide a rich, unforgettable adventure.

Grades: 3–12 Price: Paid ⓘ [See full review](#)



Tour Creator

Simple Google tool puts kids at the helm of creating VR experiences

Bottom line: Allows teachers and students to create compelling tours for viewing in VR or on a web browser.

Grades: 3–12 Price: Free [Visit website](#) ⓘ [See full review](#)



Google Earth VR

Explore the world with an incredible new perspective and sense of scale

Bottom line: An amazing experience that brings the world to life, despite the heavy investment in VR required.

Grades: 3–12 Price: Free ⓘ [See full review](#)

BOOST YOUR PRESENTATION WITH FREE HIGH-QUALITY PHOTOS

Free Photos*

- [Unsplash](#)
- [Pexels](#)
- [Creative Commons](#) - image search
- [Smithsonian Open Access](#) - 3 million 2D and 3D digital items
- [Pixabay](#)

*accreditation might be needed



SHARING GOOD PRACTICES - EXAMPLE FROM OTHER UNIVERSITIES

GOOD PRACTICES – GHENT UNIVERSITY EXAMPLE

Ghent University offers general guidelines for their Academic staff regarding the Online Assessments and Feedback in the context of the ongoing corona measures.

Corona measures at Ghent University: Online Assessments and Feedback

*Last update 01/04 at 3:20 pm. Significant updates are indicated by ****

In the context of the ongoing corona measures, Ghent university has adjusted the structure and the organisation of the academic year. Further information, including the adjusted academic calendar and exam schedule, can be found [here](#).

With this adjusted exam schedule, we highly encourage our lecturers to maximally convert their planned on-campus assessments into online assessments.

The term online assessments should be understood in the broadest possible sense, containing online assessments that take place in real time, as well as offline assessments that are uploaded to the electronic learning environment such as assignments in Ufora, video conversations via Teams, Curios tests, etc.

The education tip below contains general guidelines, possible methods, didactic and technological recommendations, and points you to the available tools to make this transition.

General Guidelines for Ghent University Lecturers on the Conversion of Assessments

It is absolutely crucial to alleviate pressure on (the capacity of) our exam rooms and to spread the study load for students by switching to online evaluations as much as possible.

- for **Bachelor's programmes**, we will organize an exam period of 5 weeks, from 1 June until 4 July 2020. Online assessments are also possible in the Bachelor's programmes. This can be achieved both by assessing part of a course unit online (in which case the online assessment partially counts for the final mark and that part of the learning content is dropped for the final exam) and by entirely assessing course units online;
- for **Master's programs**, lecturers are encouraged to **fully focus on online evaluation*****. Two scenarios are possible:
 - The preferred scenario is the introduction of a flexible version of the calendar, from 20 April until 4 July 2020. This means that during this period, both online teaching activities and online assessments can take place.
 - ↳ For those Master's programmes in which organizing online assessments is less feasible or not feasible at all, the Bachelor's programme's scenario may be

GOOD PRACTICES – GHENT UNIVERSITY EXAMPLE

Ghent University provides digital tools counselling students, giving feedup and feedback.

The table provides a quick overview of the **possibilities for guiding students** in their use of Ughent digital tools, **providing feedup** (i.e. clearly communicating assessment expectations to the students in advance) **and feedback**, for improving reliability.

Tool	Why?	Manual
Checklists and Rubrics in Ufora	→ Evaluating objectively → Clearly announce what is expected of students beforehand (cf. feedup) → Giving feedback efficiently	"Checklist" in Ufora → Didactic tips (in Dutch) → Technical manual (click English in the Ufora page) "Rubrics" in Ufora → Didactic tips (in Dutch) → Technical manual (click English in the Ufora page) → Didactic tip Rubrics
Automatic feedback in "Tests" and "Ufora"	→ Give feedback on closed or open-ended questions quickly and efficiently	Tests: → Didactic tips (in Dutch) → Technical manual (click English in the Ufora page) Curios: → Technical manual (in Dutch) → Integrate manual Curios in Ufora (in Dutch)
Coaching discussions via Teams	→ Giving intermediate feedback and make adjustments	Manual

GOOD PRACTICES – GHENT UNIVERSITY EXAMPLE

General practical information and guidelines about the COVI-19 virus can be found at Ghent University website

<https://www.ugent.be/en/news-events/coronavirus-updates.htm#Lessonsandexams>

[Home](#) > [News](#) > Coronavirus: info and guidelines

On this page

- [Lessons and exams](#)
- Teleworking
- Scientific research
- Travel to and from risk areas
- Public defenses of doctoral dissertations
- Studenthomes
- Financial problems
- Prevention transmission virus
- More information and contact

Coronavirus: info and guideline

(01-04-2020) There is currently an outbreak of corona virus worldwide. On this page you will find information and guidelines for staff.

Important: all students and staff members that are involved will receive customized advice from the university to receive it.

In addition, the university is committed to keeping everyone regularly informed of its recommendations.

The university is closely following up on this situation. Keep an eye on this web page. The measures that Ghent University is taking will be taken in the context of the current situation.

Last update: Wednesday, April 1, 2020, 2.30 pm.

Lessons and exams

Ghent University does not discontinue its educational activities, but chooses to switch to alternative forms of education.

ONLINE LEARNING PROGRAMMES, WEBINARS AND MOOCS REPOSITORY

BETTER GEO EDU – TEACH ABOUT RAW MATERIALS WITH MINECRAFT

BetterGeo is a mod for the game Minecraft. A mod, or modification, changes the way the game works, for example by adding new features. BetterGeo adds realistic geology to Minecraft, adding new rocks, minerals and metals, as well as realistic ways to find these. The mod also introduces environmental impacts and new tools and items to help you in the game.

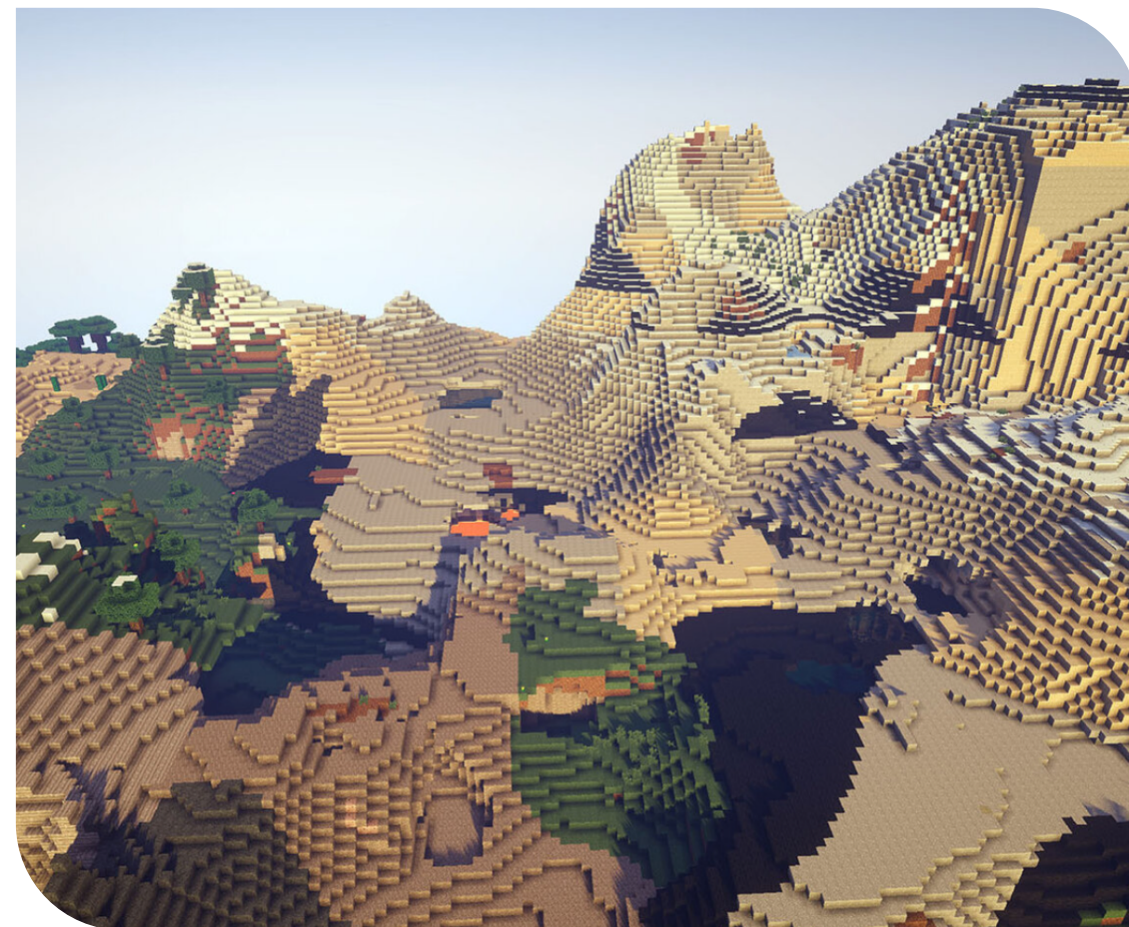
Supported by EIT RawMaterials

Educational material:

www.bettergeoedu.com/educationalmaterial-eng

Installation guide: www.bettergeoedu.com/installationguide-eng

Available in 5 languages (English, Swedish, German, Slovenian, Finish)



STUDY ONLINE WITH RawMaterials Academy

Study online with RawMaterials Academy

- Learn about critical raw materials
- Explore innovative design techniques
- Take action on e-waste

#StayHomeAndInnovate



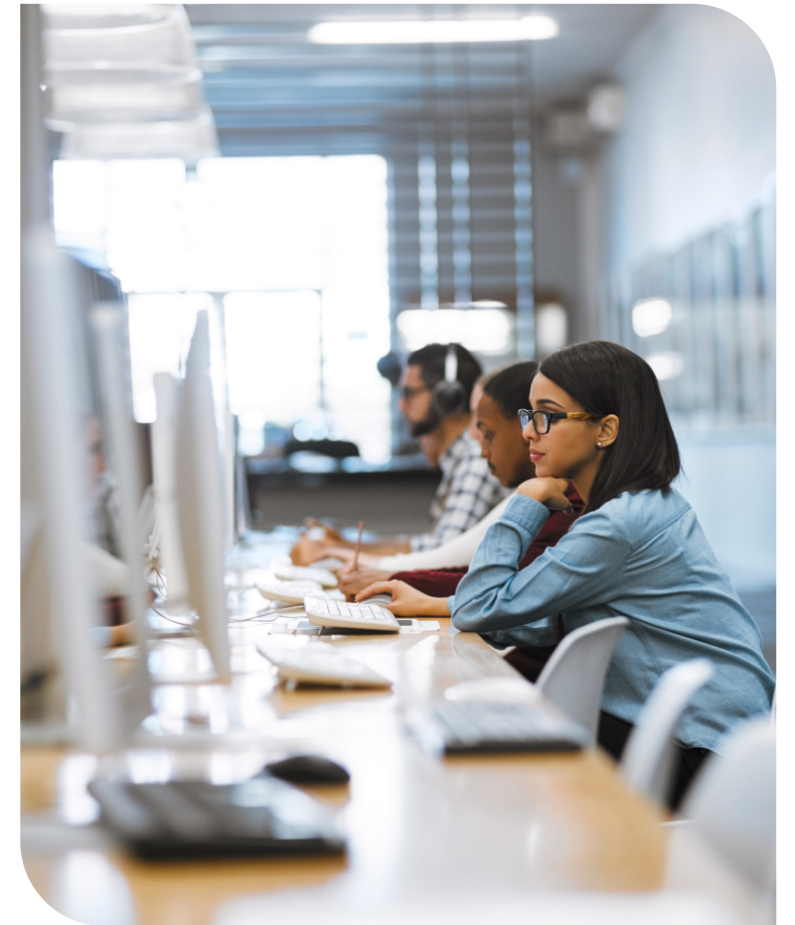
EIT RAWMATERIALS ACADEMY ONLINE LEARNING

EIT RawMaterials Academy offers Massive Open Online Courses (MOOCs) and other online training opportunities for students, professionals and citizens. You can also find MOOCs from the wider EIT Community, MOOCs from EIT RawMaterials partners and other Learning Resources.

Topics covered include:

- Circular Economy
- Chemistry
- Critical Raw Materials
- Entrepreneurship & Innovation
- Mineral Processing
- Mining

eitrawmaterials.eu/eit-rm-academy/online-learning/eit-rawmaterials-academy-courses/



STUDY ONLINE WITH RawMaterials Academy

SusCritMat – Sustainable Critical Raw Materials

SusCritMat aims to educate people from Master's student level up, both in industry and academia about important aspects of sustainable critical raw materials. In addition to regular face-to-face courses, project SusCritMat offers video learning opportunities on a variety of topics related to critical raw materials, including:

- Introduction to criticality
- Materials strategies
- Characterising the urban mine
- Circular product design
- Life Cycle Assessment
- Responsible sourcing of critical raw materials

Video learning content: suscritmat.eu/video-learning-content



STUDY ONLINE WITH RawMaterials Academy

Waste Management and Critical Raw Materials

How can we ensure the continuous supply of the increasingly scarce raw materials that are needed to make the products we use every day? In this course, we will look at the potential benefits of circular procurement and how recycling technologies and more efficient ways of collecting and recycling critical raw materials (CRMs) can make your business and production more resource resilient.

The MOOC is a free course that is open to all.

It is designed for anyone with an interest in taking action on managing our waste.

Join MOOC here:

www.edx.org/course/waste-management-and-critical-raw-materials



STUDY ONLINE WITH RawMaterials Academy

Engineering Design for a Circular Economy

Rare metals and other critical materials are all around us: in our phones, computers, cars and cities. But these valuable resources are in limited supply, and accessing them is rapidly becoming one of the great challenges of our time.

Combining knowledge and case-studies from academia and industry, learners will be faced with new questions: What is the resource challenge? How are new business trends changing our use and perception of products? What effect will this have on the products of the future?

Discover and develop sustainable design and engineering methods to improve the reuse, repair, remanufacturing, and recycling of products for a circular economy.

The MOOC is free to all.

Join MOOC here:

www.edx.org/course/engineering-design-for-a-circular-economy



STUDY ONLINE WITH RawMaterials Academy

Take action on e-waste

Tackling the global explosion of e-waste is one of the most important challenges of our time. It puts people's health, the environment, climate change and our natural resources at risk. But we can, together, make a difference and move towards a greener future.

Are you an e-waste hoarder? A student? A health care professional? Recycler? Policymaker? Entrepreneur or business?

Take the MOOC to find out how to be part of the solution!

Join MOOC here:

learning.climate-kic.org/en/programmes-and-courses/e-waste



Inger Andersen, Executive Director, UNEP
from Climate-KIC

Inger Andersen, Executive Director UNEP

Find out why Inger Andersen, Executive Director of the United Nations Environment Programme, thinks there is a huge risk if we continue with business-as-usual approach to the ongoing 'eruption of e-waste' - and we work together, we can turn this challenge into an opportunity to help mitigate climate change, create green jobs, and help countries kick-start a circular economy. Signing up to the MOOC can be your first step!

[VIEW ON VIMEO](#)

ADDITIONAL RESOURCES

TED-Ed

- Browse hundreds of TED-Ed Animations and TED Talks
- Create customized lessons for your students.
- Inspire your students to share their big ideas.
- Share YOUR big idea in a TED-style talk.

Link: ed.ted.com/educator

Support



**customized lessons
for your students.**

Discover ideas that spark the curiosity of learners.

Browse hundreds of TED-Ed Animations and TED Talks - designed to spark the curiosity of your learners. You'll also find thousands of other video-based lessons organized by the subjects you teach.

Discover Lessons



Lesson Title

The myth of Arachne

Get started

EMERSON COLLECTIVE - RESOURCES FOR REMOTE LEARNING

List of tools and resources for remote learning created by the Emerson Collective (US based).

www.emersoncollective.com/covid19-resources-for-remote-learning/



Supporting
Students
During COVID-19

Note:

All tools and media were taken from the respective sources.



rawmaterialsacademy.eu | academy@eitrawmaterials.eu



EIT RawMaterials Academy



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a body of the European Union