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How to Teach Online

ZOOM Tips for Educators (Google Slides) copy in my drive

https://docs.google.com/presentation/d/1m_t-8-BjCHCeeA89eijagCNwgQuQSGCJDUiZxJ0Nr70/edit

How to set up ZOOM - for students and parents

<https://youtu.be/d7xXZxRDFUU>

HOW TO teach an online lesson with ZOOM

<https://youtu.be/UTXUmoNsgg0>

Office 365 training

<https://schoolssaedu.sharepoint.com/sites/ICTPortal/Pages/Office-365-Training.aspx>

MS Teams Training (creating virtual classrooms and meeting spaces - up to 250 people)

<https://microsoftteams.eventbuilder.com/event/15026/occurrence/13673/recording?rauth=30.640171.6cf36c95d5e14f042bb8529625c86f5e28ed4648ae02b44badf7da41d5c5b3e f>

EDpuzzle: HOW TO create & share video lessons via EDpuzzle

<https://youtu.be/aVpvhhViGHQ>

Glenunga International HS - Darren Leader - Keep the learning going

<https://sites.google.com/gihs.sa.edu.au/keepthelearninggoing/home?fbclid=IwAR1mDu6hJegjcATKWWSFIAWBQbNvcrn-Qf3TWci-E-9Zh9XvaUWGWxzvOh0>

Flipped Learning

Global Flipped Learning Network Website – <http://flippedlearning.org/FLN>

Jon Bergmann and Aaron Sams Websites – <http://flippedclass.com/>

Tools for Video Creation

ScreenCast-o-matic – <http://screencast-o-matic.com/download>

ScreenCast-o-matic Tutorial – <https://goo.gl/NjBYGb>

Explain Everything – iOS <https://itunes.apple.com/au/app/explain-everything-interactive/id431493086?mt=8>

Explain Everything – Android <https://play.google.com/store/apps/details?id=com.morriscooke.explaineverything&hl=en>

Explain Everything Tutorial – <https://youtu.be/lupVle5m-iY>

Do Ink Green Screen App – Only available on iOS – <https://itunes.apple.com/au/app/green-screen-by-do-ink/id730091131?mt=8>

Do Ink Green Screen Tutorial – <https://youtu.be/LWAHxtpPp24>

Microsoft Office Mix – <https://mix.office.com/en-us/Home>

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A great list of video creation tools for every type of device – <http://flippedclass.com/tools/videocreationtools/>

Handbrake (Video transcoder for compressing large video files) –

<https://handbrake.fr/downloads.php>

Handbrake Tutorial – <https://goo.gl/9zJCuo>

Online Courses

Futurelearn

<https://www.futurelearn.com>

Free to access 100s of courses, only pay to upgrade if you need a certificate in your name (own account from age 14+ but younger learners can use a parent account).

Openlearn

<https://www.open.edu/openlearn/>

Free taster courses aimed at those considering Open University but everyone can access it. Adult level, but some e.g. nature and environment courses could well be of interest to young people.

Seneca

<https://www.senecalearning.com>

For those revising at GCSE or A level. Tons of free revision content. Paid access to higher level material.

Crest Awards

<https://www.crestawards.org>

Science awards you can complete from home.

iDEA Awards

<https://idea.org.uk>

Digital enterprise award scheme you can complete online.

PIXAR - free storytelling course

<https://bigthink.com/21st-century-spirituality/pixars-the-art-of-storytelling>

Curriculum & Lesson Resources

ABC Education website

<https://education.abc.net.au/home#!/home>

The **REAL TIME Curriculum Project**

<https://www.realtimecurriculumproject.org>

BBC Learning


<http://www.bbc.co.uk/learning/coursesearch/>


This site is old and no longer updated and yet there's so much still available, from language learning to BBC Bitesize for revision. No TV licence required except for content on BBC iPlayer.


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NATIONAL GEOGRAPHIC

We understand this particular time calls for flexibility from educators, caregivers, and students. To support you through this transition, we've curated three "Learn At Home" Resource Library collections. Share it with your community.

 Early Elementary (Grades: K - 3): <http://onnatgeo.org/iM9>

 Upper Elementary (Grades: 3 - 5): <http://onnatgeo.org/iMa>

 Middle/High School (Grades: 6 - 12): <http://onnatgeo.org/iMb>

National Geographic - The Trading Game

<https://www.nationalgeographic.org/activity/the-trading-game/>

National Geographic Kids - <https://www.natgeokids.com/uk/>

Activities and quizzes for younger kids.

Open Access Store Materials - FREE

<http://www.universitytimes.ie/2020/03/jstor-makes-database-accessible-to-the-public/>

Ditch That Textbook - 70 elearning activities, templates and tutorials

<https://ditchthattextbook.com/elearning-activities/>

My Modern Met - **Leonardo Da Vinci's Notebooks** online

<https://mymodernmet.com/da-vinci-notebook-online/>

JK Rowling - free for teachers to post themselves reading Potter books to their students remotely

<https://www.jkrowling.com/j-k-rowling-grants-open-licence-for-teachers-during-covid-19-outbreak/>

74 ways characters die in **Shakespeare's plays**

<http://www.openculture.com/2016/01/74-ways-characters-die-in-shakespeares-plays-shown-in-a-handly-infographic.html>

36 Awesome **Anchor Charts for teaching writing** - posted on We Are Teachers

<https://www.weareteachers.com/25-awesome-anchor-charts-for-teaching-writing/>

British Council - <https://www.britishcouncil.org/school-resources/find>

Resources for English language learning

Oxford Owl for Home - <https://www.oxfordowl.co.uk/for-home/>

Lots of free resources for Primary age

Cbeebies Radio - <https://www.bbc.co.uk/cbeebies/radio>

Listening activities for the younger ones.

EDUFOLIOS - 57 lessons in online learning for classroom teachers

<https://edufolios.org/blog/057-lessons-in-online-learning-for-classroom-teachers/>

A Principal's list of **40 things to do at home** ... posted on We Are Teachers

<https://www.weareteachers.com/things-to-do-during-covid/>

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Mathematics Centre (Recommended by Ann Ruckert)
<http://mathematicscentre.com/mathsathome/index.htm>

60+ awesome websites for **teaching and learning maths** - posted on We Are Teachers
<https://www.weareteachers.com/best-math-websites/>

YouCubed at Stanford University
<https://mailchi.mp/youcubed/help-for-maths-at-home>

Khan Academy - <https://www.khanacademy.org>
Especially good for maths and computing for all ages but other subjects at Secondary level. Note this uses the U.S. grade system but it's mostly common material.

Prodigy Maths - <https://www.prodigygame.com>
Is in U.S. grades, but good for UK Primary age.

Duolingo - <https://www.duolingo.com>
Learn languages for free. Web or app.

Mystery Science - <https://mysteryscience.com>
Free science lessons

Nature Detectives - <https://naturedetectives.woodlandtrust.org.uk/naturedetectives/>
A lot of these can be done in a garden, or if you can get to a remote forest location!

See how **global warming** has changed in your lifetime
<https://www.abc.net.au/news/2019-12-06/how-climate-change-has-impacted-your-life/11766018>

Paw Print Badges - <https://www.pawprintbadges.co.uk>
Free challenge packs and other downloads. Many activities can be completed indoors. Badges cost but are optional.

Big History Project - <https://www.bighistoryproject.com/home>
Aimed at Secondary age. Multi disciplinary activities.

Geography Games - <https://world-geography-games.com/world.html>
Geography gaming!

Blue Peter Badges - <https://www.bbc.co.uk/cbbc/joinin/about-blue-peter-badges>
If you have a stamp and a nearby post box.

The Artful Parent
<https://www.facebook.com/artfulparent/> Good, free art activities

Red Ted Art - <https://www.redtedart.com>
Easy arts and crafts for little ones

The Imagination Tree - <https://theimaginationtree.com>
Creative art and craft activities for the very youngest.

Toy Theater - <https://toytheater.com/>
Educational online games

DK Find Out - <https://www.dkfindout.com/uk/>
Activities and quizzes

Twinkl - <https://www.twinkl.co.uk>
This is more for printouts, and usually at a fee, but they are offering a month of free access to parents in the event of school closures.

Tinkercad - <https://www.tinkercad.com>
All kinds of making.

Discovery Education - Textbooks and Education Resources
<https://www.discoveryeducation.com>

Differentiation

Turn **text to speech** with Google extension
<https://www.freetech4teachers.com/2018/11/turn-text-to-speech-with-voicepods.html>

AUSPELD Recommended Apps List
<https://uldforparents.com/further-reading/appendix-5-recommended-apps-list/>

CHROME extensions for struggling students with needs
<https://www.controlaltachieve.com/2016/10/special-needs-extensions.html>

30 iPad Apps for students with special needs
<https://www.educatorstechnology.com/2016/01/a-handy-chart-featuring-over-30-ipad.html>

Digital Technology

Digital Technologies Workbook Series
<https://teachingwiththeipad.com/digital-technology-workbook-series/>

Digital Technologies Hub
<https://www.digitaltechnologieshub.edu.au/>

Australian Computing Academy - digital technologies
<https://aca.edu.au/>

World Economic Forum - 8 digital skills all children need
<https://www.weforum.org/agenda/2016/09/8-digital-life-skills-all-children-need-and-a-plan-for-teaching-them/>

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Artificial Intelligence

YouTube's documentary demystifying artificial intelligence - article/explanation

<https://www.businessinsider.com.au/youtube-ai-documentary-series-hosted-by-robert-downey-jr-2019-12>

Principled Artificial Intelligence - Harvard?

<https://cyber.harvard.edu/publication/2020/principled-ai>

This has downloadable infographics/posters

Virtual Reality

Museums with virtual tours (slightly different museums in each link)

<https://www.travelandleisure.com/attractions/museums-galleries/museums-with-virtual-tours>

<https://www.housebeautiful.com/lifestyle/g31815495/museums-you-can-virtually-tour-right-now/>

VIRTUAL **War Memorial** - you must register to use this site

https://vwma.org.au/?sign_in=required

Students can **create tours** using Google Expeditions

<https://www.freetech4teachers.com/2019/01/students-can-create-their-own-tours-to.html>

Augmented Reality

HOW TO **create AR floor plans** with Cospaces

<https://youtu.be/bKAYgo-6ick>

From Matt Jamieson:

A Resource for teachers and students when operating from home is **Augmented Reality**. Plenty of available Apps. It does require a device and a printer to print the "target". Opens up a world of virtual learning in a 3D capacity. You can walk around the object you are looking at. I have had one which enabled a digital dissection of the human body. That sounds creepier than I intend..... Target for the NASA Spacecraft #D is attached. Download the App (free) and have a try. Lots of rockets, satellites, Mars vehicles etc. Target can also be found here;

<http://www.jpl.nasa.gov/apps/images/3dtarget.pdf>

Coding

Coding links - resource from EdTechSA Presentation (Cherie Pickering, 2019)

https://drive.google.com/open?id=14LjU83TEg4rtWVF_pLkzmVCV-Ww4JIVK

Includes a range of resources:

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What is coding and why code?
iTunesU Courses
Apple Coding Resources
iBooks
Coding Apps
Coding Online
Minecraft
Tynker online
Hopscotch website resources
Pixel Press Floors
Scratch
Kodable
Lightbot
CodeSpark Academy & the Food
Sphero Apps
Online Coding Communities
Focus on Hopscotch
Focus on Pixel Press Floors
Focus on Sphero

Robotics & Coding

<https://fuse.education.vic.gov.au/ResourcePackage/LandingPage?ObjectId=5d38ba30-7ba9-4590-a560-959b06d782cf&SearchScope=All>

Robotics

VEX Robotics: set up an account on www.vexrobotics.com

VEX are developing some virtual options for robotics learning, with a likely webinar in the coming weeks to show this in detail.

Visit their youtube channel here: <https://www.youtube.com/user/vexroboticstv/videos>

Additional resources here which are through their partners:

<https://academy.autodesk.com/course/129137/fusion-360-design-and-customize-vex-iq-clawbot>

<https://www.vexforum.com/t/robot-mesh-virtual-academy-iq-preview-now-available/78104>

Digital Portfolios

Google Sites as Digital Portfolios

<https://www.freetech4teachers.com/2019/12/google-sites-as-digital-portfolios.html>

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Educational Videos

The Kids Should See This

<https://thekidshouldseethis.com> Wide range of cool educational videos

Crash Course

<https://thecrashcourse.com> You Tube videos on many subjects

Crash Course Kids

<https://m.youtube.com/user/crashcoursekids> As above for a younger audience

Ted Ed

<https://ed.ted.com> All sorts of engaging educational videos

Free Music for Projects

9 good sources for **public-domain music**

<https://practicaledtech.com/2020/01/27/nine-good-sources-of-public-domain-creative-commons-audio/>

STEM/STEAM

Left Brain Craft - **28 days of STEM/STEAM Activities**

<https://leftbraincraftbrain.com/28-days-of-stem-activities-and-steam-activities-for-kids/>

Engineering with Origami

https://youtu.be/ThwuT3_AG6w

Vivify-Resources - need to sign up for free access to STEM activities

<https://www.vivifystem.com/vivify-resources>

Apple Resources

How to make explainer videos using **Keynote**

<https://youtu.be/sdriybyM-Aw>

Everyone Can Code

<https://www.apple.com/au/education/everyone-can-code/>

Teaching Code

<https://www.apple.com/au/education/teaching-code/>

Apple Teacher

<https://appleteacher.apple.com/>

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Microsoft Resources

Microsoft STEM Website
www.microsoft.com.au/stem

Microsoft Educator Community
free training courses and resources for teachers
<http://education.microsoft.com> which includes courses on 3D Paint in the Curriculum and 3D Paint for the Classroom. There are hundreds of free courses at this site.

Google Resources

10 student-tested Chrome extensions
<https://www.edutopia.org/article/10-student-tested-chrome-extensions>

SAMR and Google Apps for Education
<http://dailygenius.com/integrate-google-apps-with-the-samr-model/>

Companies offering FREE resources

COMPANIES offering **FREE resources** during the COVID-19 crisis
<http://www.amazingeducationalresources.com>

Resources shared by Apple Distinguished Educators

LUCY GRAY - Online Learning Links (fabulous)
<https://docs.google.com/document/d/1kLP7iDrqJ2c2BPb4ESJzqCQol-R4TjYrdJOv9FHwwDM/edit>

Kym Martin - My favourite Online Learning Places
<https://drive.google.com/open?id=1nihjd1qf1KlnG1GW32s3eB0NZYFKNfYv>

General Resources

Checklist of **things to do at home** during isolation
<https://drive.google.com/open?id=11VoFhnoWz6nCJ7E26NGivO22sQhal7TA>

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