

7 cool KS1 Science Investigations to do at home

<https://blog.kidadl.com/articles/cool-ks1-science-investigations-to-do-at-home>

Learn about germs

This fun, sparkly activity will help your children visualise how germs spread and the importance of handwashing.

Make a self-inflating balloon

We are now going to see a balloon inflate itself without anyone having to blow it up! Yes, it's time for a little scientific investigation into chemical reactions. Here we'll use a base (baking powder) and an acid (vinegar). What happens when a base mixes with an acid? It produces CO₂, the same gas we breathe out. In this experiment, the gas produced by the reaction can't escape and fills the balloon.

Learn how to make a lava lamp

Science goes groovy! You can use just a few household items to imitate your old lava lamp from back in the Noughties. This fun activity teaches children about density and provides another opportunity to see CO₂ in action.

Make your own water filter

This science investigation from the year 2 science curriculum teaches us how to separate a solid from a liquid, and what materials are better at filtering than others.

See how different chocolate melts

The experiment they've all been waiting for - chocolate tasting! In this investigation, children test different types of chocolate against each other to see how fast they each melt. You can use a variety of different types of chocolate, ones with wrappers and others without, dark, milk and white chocolates, with fillings and without, and a range of sizes and textures.

Easy DIY Slime

Our favourite kind of slime - all natural, non-toxic and easy to clean up. When it dries to a powder you can simply Hoover it up. This science investigation shows children that there are some substances that can act like both a liquid and a solid.

Dye some flowers

This is one of our favourite investigations, and it's a fun way to teach primary children about transpiration.

Source www.kidadl.com

Learn the basics of computer science

Price: Free **Age range:** All

Starting on 25 March, Code.org is launching its Code Break program – a free, live weekly webcast where members of the Code.org team teach coding and computer science to children and adults. The team will also be setting weekly challenges for beginners, experienced coders and even students without computers. You can sign up to receive each week's Code Break via email at <https://code.org/break>

Learn to play the guitar

Price: Free **Age range:** All (although more suited to school-age children and adults)

From 23 March, Fender is offering new users a free three-month subscription to Fender Play <https://www.fender.com/play> an online learning platform that teaches you how to get started with playing the guitar, bass and ukulele. Lessons are offered via videos created by trained musicians and guitar instructors and you can pick your favourite genre in order to get a tailored learning plan. To sign up, go to FenderPlay.com or download the Fender Play from the App Store or Google Play. You'll be sent an email with a code to redeem the free membership.

Source: www.wired.co.uk

Live spelling lesson – dyslexia and SEND friendly

Every weekday at 11am there is a livestream spelling lesson by Jules Daulby.

<https://www.youtube.com/user/julesdaulby>



Special Needs Jungle @SpcialNdsJungle · Mar 30

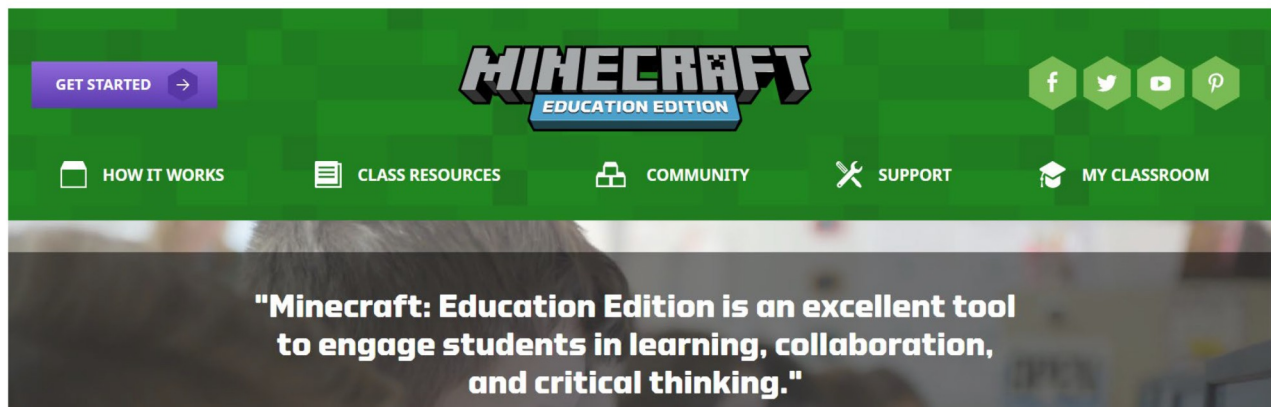
SEND expert and Teacher Jules Daulby livestream spelling lesson at 11am every weekday. Dyslexia and SEND friendly. Find it here



Jules Daulby
youtube.com

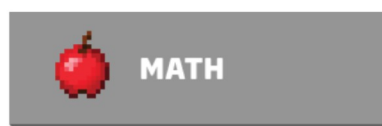
Minecraft free downloads

Minecraft Education Edition has some free downloads in the resources section and has a daily live coding stream. <https://education.minecraft.net/class-resources/lessons/>



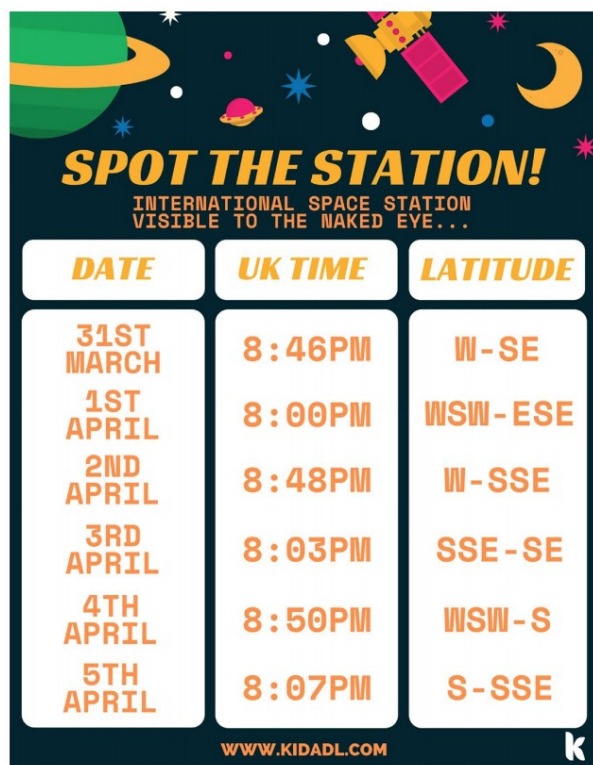
SUBJECT KITS

Get started with Minecraft: Education Edition using these starter kits, each with lessons, downloadable worlds, and tutorials in core school subjects.



Look to the skies - ISS

Below is a table of dates and times when the International Space Station will be visible to the naked eye.



SPOT THE STATION!
INTERNATIONAL SPACE STATION
VISIBLE TO THE NAKED EYE...

DATE	UK TIME	LATITUDE
31ST MARCH	8:46PM	W-SE
1ST APRIL	8:00PM	WSW-ESE
2ND APRIL	8:48PM	W-SSE
3RD APRIL	8:03PM	SSE-SE
4TH APRIL	8:50PM	WSW-S
5TH APRIL	8:07PM	S-SSE

WWW.KIDADL.COM

Source www.kidadl.com

Ideas for the older students

Secondary schools will be very familiar with the work of Young Enterprise. To support older students, they are offering some free online opportunities:



- Your Money Matters textbook
- Tenner Challenge
- My Money Week Resources
- Maths Matters
- Leadership Competition

<https://r1.dmtrk.net/t/3R6D-13ZTJ-A6K7N4OF3/cr.aspx>

Roald Dahl home learning

<https://www.roalddahl.com/things-to-do-indoors>



Department for Education
@educationgovuk

Parents, carers and teachers, @roald_dahl have got lesson plans, activities and videos suitable for home learning [roalddahl.com/things-to-do-i...](https://www.roalddahl.com/things-to-do-indoors)

"If you have good thoughts
they will shine out of your
face like sunbeams and
you will always look lovely."

Roald Dahl

2:20 PM · Mar 29, 2020 · Hootsuite Inc.

KS3 Wellbeing booklet

Derby County Community Trust have released a well-being guide that is suitable for KS3 called Winning Minds (KS3 covers secondary children aged between 11 and 14).

https://www.derbycountycommunitytrust.com/wp-content/uploads/2020/03/Wellbeing-Booklet-Online_compressed.pdf

