

A guide to websites and apps that are fantastic for children's learning

FREE online education resources

This is a non-exhaustive list of online educational resources that can be used to help support children to continue their learning at home.

These have been broken down by subject. Some of the websites and apps are used in school and the children will be very familiar with them.

In addition to these there are websites and games which have been designed for children to learn through gaming.

Please note: These are suggestions of websites and apps that you may wish to use at home: we have included many free sites/apps however some may require payment. It is not compulsory for these to be used and the children who do not use them will not fall behind in any way.

We want to keep our resources relevant and up to date. If you have any resources or any feedback please get in contact with techsupport@kingscrossacademy.org.uk

[Webtools recognised by Northern Ireland](#)

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Maths

Busy things

<https://www.busythings.co.uk/lqfl-login/>

Interactive games and activities for all key stages.

Teachers can set assignments and mark work

Seesaw

<https://web.seesaw.me/activities>

Activity Library

Doodle Maths

<https://www.doodlemaths.com>

Interactive games and daily challenges. Use your login details to access the website or app.

There is also the Doodle Tables app specifically for times tables

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

Data Handling and Statistics

<https://www.lqfl.net/learning-resources/summary-page/j2e-tool-suite>

Creating pictograms, bar charts, line graphs and comparing data

Prodigy Maths

<https://www.prodigygame.com>

Engaging maths game which children can use their USOs to login. Note: This is in U.S. grades.

Maths Frame

<https://mathsframe.co.uk>

A fantastic range of games and activities covering all core maths topics. More suitable for KS2 learners but some resources are relevant for all ages.

White Rose Maths

<https://whiterosemaths.com/resources/>

Free explanations, challenges and quizzes in the resource section. Try the problem of the day.

NCETM Reasoning

<https://www.ncetm.org.uk/resources/50639>

Reasoning questions, content, progression documents.

J2Blast

<https://www.j2e.com/j2blast>

Times Table practice

Times Table Rock Stars

<https://ttrockstars.com/>

Engaging fluency based platform where children become maths rockstars

Hit the Button

<https://www.topmarks.co.uk/maths-games/hit-the-button>

Quick fire maths questions (number bonds + more)

Twelve a Dozen

<https://www.taminggaming.com/en-gb/game/Twelve+a+Dozen>

Maths Puzzle Game

Sushi Monster

<https://apps.apple.com/us/app/sushi-monster/id512651258>

Free Maths App

Phonics and Reading

Busy things

<https://www.busythings.co.uk/lgfl-login/>

Interactive games and activities for all key stages.

Teachers can set assignments and mark work.

Seesaw

<https://web.seesaw.me/activities>

Activity Library

Fairy Tales

<http://fairytales.lgfl.org.uk/>

SEN assist with sequencing and storytelling

Talking Stories

<http://stories.lgfl.org.uk/>

Range of stories in different languages

Get Epic

Widely used by teachers in school — many children are already set up!

<https://www.getepic.com/>

Read Theory

<https://readtheory.org>

A vast library of reading comprehension content. Pupils can login with google using their USOs.

Teach Your Monster to Read

<https://www.teachyourmonstertoread.com>

This is free to use on the online website. The app is paid for. A fun set of games focusing on phonics and reading skills.

Phonics Play

<https://www.phonicsplay.co.uk/>

Phonics bank of interactive games and lessons

Reading Zone

<http://readingzonelive.lgfl.org.uk/>

Author blogs, e books, reading for pleasure activities.

Ebook library

<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/>

E books for children to listen to

J2Blast

<https://www.j2e.com/j2blast>

Spelling practice

National literacy trust

<https://wordsforlife.org.uk/virtual-school-library/>

Virtual Library

Literacy

Busy things

<https://www.busythings.co.uk/lgfl-login/>

Interactive games and activities for all key stages.

Teachers can set assignments and mark work.

The Literacy Shed

<https://www.literacyshed.com/home.html>

Find different categories of videos and pictures to stimulate literacy activities and writing tasks.

Once Upon a Picture

<https://www.onceuponapicture.co.uk>

A series of images to inspire discussion and inference. Each picture has related questions and activities.

Seesaw

<https://web.seesaw.me/activities>

Activity Library

Pobble 365

<http://www.pobble365.com>

A different image every day with accompanying comprehension questions and writing tasks.

LGFL Grammar Explained

<http://grammar.lgfl.org.uk/>

Resource videos explaining different grammar points in each key stage with interactive games.

Spelling Frame:

<https://spellingframe.co.uk/>

Choose a spelling rule then choose to either practise the spelling or take a test with those words

First News

<https://schools.firstnews.co.uk/resources/>

Mystery news activity and current news topics

Creative apps linking with Literacy Skills:

Toontastic 3D

<https://toontastic.withgoogle.com/>

TOONTASTIC 3D is a creative platform for storytelling

Book Creator

<https://bookcreator.com/>

Digital Book creation and publishing tool

Science

Mystery Science

<https://mysteryscience.com>

Free science lessons.

They have even added some additional free resources which include online content and hands on investigation ideas: <https://mysteryscience.com/school-closure-planning>

Crash Course Kids

<https://m.youtube.com/user/crashcoursekids>

Lots of engaging videos covering a range of science topics

Seesaw

<https://web.seesaw.me/activities>

Activity Library

Crest Awards

<https://www.crestawards.org>

Science awards you can complete from home. There is an entry fee of £1 for primary awards. However, you can still access the resources and investigation ideas for free here

<https://primarylibrary.crestawards.org>

Switched on Science

<http://sos.lgfl.org.uk/>

Science lessons with interactive videos and assignments

Explorify

<https://explorify.uk/>

Free resource for teaching Science - Engaging pupils to think like scientists

Science Museum

<https://learning.sciencemuseumgroup.org.uk/learning-resources/>

Science Museum tailored resources

French + Languages

Duolingo

<https://www.duolingo.com>

Learn languages for free. This can be accessed online or via an app.



Talking Stories

<http://stories.lgfl.org.uk/>

Range of stories in different languages

Busy things

<https://www.busythings.co.uk/lgfl-login/>

Interactive games and activities for all key stages.

Teachers can set assignments and mark work.

Rockalingua

<https://rockalingua.com/>

Mixture of free and paid resources + learning experiences

Muzzy BBC

<https://www.muzzybbc.com/>

TV shows designed to teach languages

Gimkit

<https://www.gimkit.com>

Pictionary Game where child draws for rest of class

<https://blog.gimkit.com/blog/draw-that>

EAL

EAL Hub

<https://www.ealhub.co.uk/>

ESL Games Plus

<https://www.eslgamesplus.com/>

EAL Support Document:

 Support EAL learners

Geography/History

Seesaw

<https://web.seesaw.me/activities>

Activity Library

Busy things

<https://www.busythings.co.uk/lgfl-login/>

Interactive games and activities for all key stages.

Teachers can set assignments and mark work.

Geo Guesser

<https://www.geoguessr.com/>

Randomised google street view

NatGeo Kids:

<https://kids.nationalgeographic.com/>

Ducksters

<https://www.ducksters.com/>

Bank of child appropriate information about countries and history

Who was Adventure

<https://apps.apple.com/us/app/id972214208?ign-mpt=uo%3D4>

How well do you know historical figures and pop icons?

Fact Monster

<https://www.factmonster.com/>

Key Facts for History and Geography (similar to Ducksters)

Geography Games

<https://world-geography-games.com/world.html>

World geography games and quizzes

BBC History

<http://www.bbc.co.uk/history/forkids/>

Information, games and activities

Kids Crash Course:

<https://www.youtube.com/user/crashcourse/playlists>

Quick engaging videos describing key topics

Geo.LGfL.net

<https://geo.lgfl.org.uk/>

Timelines:

<https://www.youtube.com/watch?v=Mlumtb49yCA>

360 VR Channel

<https://www.youtube.com/360>

Google Arts + Culture

<https://artsandculture.google.com/>

Computing

Digital Literacy:

Typing club

<https://www.typingclub.com>

Pupils can login with google using their USOs. This allows children to practise touch typing.

Jungle Junior (Typing club for younger children)

<https://www.typingclub.com/sportal/program-16.game#>

Mouse Skills

<https://frontend.letsgolearn.com/practice/bubbles>

Alternative game

https://www.softschools.com/games/action_games/mouse_and_cat/

Mouse skills fluency

Google Interland:

https://beinternetawesome.withgoogle.com/en_us/interland

Game where children find out about internet safety

Digital Passport - Common Sense Media

<https://www.commonsense.org/education/digital-passport>

Online Safety

Common Sense Media

<https://docs.google.com/document/d/1EjOOkAOm1CWgUXYq7OVAh237GcCA-qbVIIKc3vthKAA/edit?usp=sharing>

Online safety lessons for children broken down into Year groups and terms

Computer Science

Bee Bot App

<https://play.google.com/store/apps/details?id=com.tts.beebot&hl=en&gl=US>

Early Coding

Busy Things

<https://www.busythings.co.uk/>

Early Code + Busy Code

Blockly

<https://blockly.games>

Learn computer programming skills - fun and free.

Hour of Code

<https://hourofcode.com/uk/learn>

Learn and practise computer programming skills through a variety of hour-long engaging tutorials.

KS1 - Scratch Jr

<https://www.scratchjr.org/>

KS2 - Scratch

<https://scratch.mit.edu/explore/projects/games/>

Kodable

<https://www.kodable.com/>

Swift Playgrounds

<https://www.apple.com/uk/swift/playgrounds/>

Code.org

<https://code.org/>

Coding tutorials and progressive assignments for all children

Co Spaces

<https://cospaces.io/edu/>

Creating virtual worlds which can be coded

Creative computer programming

Code Combat

<https://codecombat.com/>

Python + Javascript

iDEA Awards

<https://idea.org.uk>

Suitable for older children. An online industry-recognised award scheme to develop digital, enterprise and employability skills for free.

Tynker

<https://www.tynker.com/mobile/apps/tynker>

Tynker Jr

<https://www.tynker.com/mobile/apps/?tab=tynker-junior>

Lightbot:

<https://lightbot.com/>

Tinkercad

<https://www.tinkercad.com>

A free, easy-to-use app or website for 3D design, electronics, and coding.

Information Technology

iMovie - Film Making

<https://www.apple.com/uk/imovie/>

Shadow Puppet Edu

<https://apps.apple.com/us/app/shadow-puppet-edu/id888504640>

Chrome Music Lab

<https://musiclab.chromeexperiments.com/>

Bandlab

<https://edu.bandlab.com/>

Art and creativity

The Artful Parent

<https://artfulparent.com>

Good, free art activity ideas.

Art for Kids Hub

<https://m.youtube.com/user/ArtforKidsHub>

Cartoon drawing tutorials

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.

Draw with Rob

<http://www.robbiddulph.com/draw-with-rob>

Art John

<https://www.artjohn.co.uk/>

PE

Relaxation for kids:

<https://www.gonoodle.com/>

Yorkshire PE

<https://www.yorkshiresport.org/get-moving/thisispe/>

Bank of PE sessions

All subjects

Top Marks

<https://www.topmarks.co.uk>

Online games and resources to practise skills across the curriculum from spellings to times tables.

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. For KS2 pupils, the Year 4 Statutory Multiplication Tables Check Replica is great practice.

Cbeebies

<https://www.bbc.co.uk/cbeebies>

Lots of fun games and learning activities for younger children. Try the topics tab for specific learning resources and the radio tab for listening activities.

BBC Bitesize

<https://www.bbc.co.uk/bitesize>

There's lots of resources available in the Learn & Revise primary section. No TV licence required except for content on BBC iPlayer.

Oxford Owl for Home

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

Reading, writing and maths resources for primary age children.

Primary Resources

<http://www.primaryresources.co.uk>

A range of information and downloadable activities across the curriculum.

National Geographic Kids

<https://www.natgeokids.com/uk/>

Activities and quizzes across a number of subjects, it's not all geography!

DK Find Out

<https://www.dkfindout.com/uk/>

Information, activities and quizzes about lots of different subjects and topics.

Toy Theatre

<https://toytheater.com/>

Maths, reading and art online games for younger children.

Other activities

Ted Ed

<https://ed.ted.com>

In the Discover section, you will find all sorts of engaging educational videos. Select to filter by Elementary/Primary for age appropriate content.

The Kids Should See This

<https://thekidsshouldseethis.com>

Wide range of cool educational videos. The site aims to start conversations, spark questions and inspire offline exploration for all ages.

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.

Nature Detectives

<https://naturedetectives.woodlandtrust.org.uk/naturedetectives/>

A lot of these can be done in a park or garden, or if you can get to a remote woodland location!

Blue Peter Badges

<https://www.bbc.co.uk/cbbc/joinin/about-blue-peter-badges>

If you have a stamp and a nearby post box these could be for you. You earn badges by sending interesting letters, stories, makes, pictures, poems and good ideas to the programme.

Isle of Tune

<https://thefwa.com/cases/isle-of-tune>

Music creation

Chrome Music Lab

<https://musiclab.chromeexperiments.com/>

Exploring sound and music

Kids should see this:

<https://thekidshouldseethis.com/>