**Websites and online resources for Home Learning**

Below is a list of websites and online resources that may be helpful for learning at home. Please note that some require schools to have signed up. If your school has, then your child would have received login details for this.

**Maths and Numeracy websites and resources**

**[Matholia](https://www.matholia.com/%22%20%5Ct%20%22_blank)** <https://www.matholia.com/uk> is a comprehensive Singapore mathematics portal

(**Early to Second level**) that allows teachers to remotely assign tasks and monitor student progress as they work from home. Schools affected by the current Covid-19 situation can have free access to [Matholia](https://www.matholia.com/%22%20%5Ct%20%22_blank) during this time. This offer is valid until the end of the school year. This website provides learning videos, practice modules, syllabus-based (English) games, assessments, problem-solving and enrichment tasks.

email support@matholia.com for further information.

**Mathscircle** <http://mathscircle.com/> are offering **primary** schools affected by COVID-19 free full access to [Times Tables Rock Stars](https://maths-circle.intercom-clicks.com/via/e?ob=DYGIVEvbReJDBz0TvlroaAIMqYVxm%2BjJFaH3gYaGUr3qxVsLQ5%2BJp9DFaWyOHfE8&h=f8830e3ca845f7fc8ec1695afa7badf77a972993-w8z89lmb_26145563611&l=1352900a24506f674808e33597aae49785c9d1d1-2791159" \t "_blank)  – a platform for multiplication and division – and free full access to [NumBots](https://maths-circle.intercom-clicks.com/via/e?ob=eKkOeysiEuq3xKXXwq0nT85Bys%2FgN%2FMNg21VTqYSDrBLZGOXeXQjuoLn4MIe1I%2FK&h=ab030cfc903aa9cd4481793377dd1864e8941b6f-w8z89lmb_26145563611&l=a6ac1cf3eab8c8c6b0e6e72fd772f71b34fb3f76-2791161" \t "_blank) – a sister platform that tackles addition, subtraction and number bonds - throughout any period of school closure\*.

To take advantage of this offer please sign up for a trial and email  support@mathscircle.com with the dates of your school’s closure so that they can extend access as needed. No payment details are required.

Both NumBots and Times Tables Rock Stars are easily accessible for pupils to play from home via the free apps or browsers and both provide teachers with access to statistics to enable them to follow and praise pupil progress.

\*Free full access is available to schools (who do not currently have a subscription) who are forced to close due to Covid-19, for up to a maximum of 60 days. If your school is closed for a longer period, please contact us at support@mathscircle.com.

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| **Sumdog**  <https://pages.sumdog.com/> provides personalised maths and spelling practice for **5-14 year olds.**All areas of Sumdog, including the ability to easily set work remotely, is now free for the next two weeks. This is to allow for planning for the use of Sumdog incase of school closure. They also invite you to join one of their daily 15 minute webinars providing practical tips for home learning.In addition, schools will get free access to all of Sumdog during a closure. Sumdog's games engage children in personalised mathematics, spelling and grammar practice. Call on0131 226 1511 or email support@sumdog.com if you need any help |

**Mangahigh** <https://www.mangahigh.com/en-gb/>is offering free full access for 60 days to all schools impacted by COVID-19. This includes access to 100% of Mangahigh's mathematics content and full access to reports for teachers. They have a variety of educational games and quizzes for **7-16 year olds** that can be assigned by class teachers for students to complete at home. Additionally, Mangahigh automatically creates a list of recommended activities, to support every student with their learning needs. It works on any device with an internet connection and is available to use at home 24 hours a day, 7 days a week. Teachers will be able to track a child’s progress to ensure their learning continues and remains targeted. There is also a downloadable guide for distance learning on their website.

Please contact support@mangahigh.com if you have any questions about how to use Mangahigh.

**nRich** – <https://nrich.maths.org/13786> Free curriculum-linked resources (**Early years to Secondary**) to develop mathematical reasoning and problem-solving.

**White Rose Maths Hub** <https://whiterosemaths.com/>offers free schemes of learning for **Early Years to Secondary** level students. They are currently planning some free packages which are due to be released very soon, which will also include video tutorials and access to premium content. P

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| **Numeracy Resources/Website Links** |
| **Steve Wyborney**Brilliant progressive resources to develop number skills<https://stevewyborney.com> - suitable from Early to Second Level* Esti Mysteries @ 4 challenge levels
* Subitising Slides
* Splat series (including fractions)
* 20 Days of Number Sense and Rich Math Talk
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| **NCTM Illuminations –** <https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Ten-Frame/>Developing Number sense with 10 frames (Early/First Level)<https://www.nctm.org/Classroom-Resources/Illuminations/Interactives/Algebra-Tiles/>Use tiles to represent variables and constants, learn how to represent and solve algebra problem. Solve equations, substitute in variable expressions, and expand and factor. Flip tiles, remove zero pairs, copy and arrange, and make your way toward a better understanding of algebra (Second/Third) |
| **Greg Tang**<https://www.gregtangmath.com/>A fantastic range of games from Early through to Second Level including:-* **Ten frame Mania** – developing number sense and structure of number
* **Numtanga** (Junior) and Numtanga – matching different numerical representations
* **Numskill** – Number bonds to 10, Number bonds to 20
* **SATfraction** – identify, simplify, compare and calculate fractions
 |
| **I See Maths**Early Number Sense - free resources that will help children to recognise small quantities. A range of different visual representations are used. Presentations and resources also help to introduce key maths concepts and ideas.  <http://www.iseemaths.com/early-number/> (Early/First Level)Times Tables - The times tables cards represent multiplication visually, helping children to make connections between multiplication facts. The corresponding PowerPoint games can be used to show children these connections <http://www.iseemaths.com/tables/> (First/Second Level)Games and Resources - The games below help children to develop a strong 'number feel' and develop early calculation strategies <http://www.iseemaths.com/games-resources/> ( First and Second Level)3 Act Tasks (Graham Fletcher) 3-Act tasks provide engaging, thought-provoking contexts for mathematical enquiry. Act 1 shows the context for the enquiry and allows children to generate questions – what do they wonder? What extra information do they need? In Act 2, more information is provided: children are then given the chance to speculate and calculate before the solution is revealed in Act 3. <http://www.iseemaths.com/3-act-tasks/> (Early - Second Level) |
| **You Cubed**[**https://www.youcubed.org/tasks/**](https://www.youcubed.org/tasks/)‘Inspiring Maths Success for all Students through Growth Mindsets and Innovative Teaching’A fabulous range of research based teaching methods, maths tasks, videos, and ideas intended to significantly reduce math failure and inequality and beyond, inspiring teachers and empowering all students to success (Early – Second Level) |
| **Maths Bot**[www.mathsbot.com](http://www.mathsbot.com)A fantastic website with a substantial range of manipulatives (First level – Nat 5) |
| Math antics[www.mathantics.com](http://www.mathantics.com)This is a very good maths video website which animates maths which is highly engaging for learners. There is a wide range of mathematical concepts covered in this website. (1st level – S4) |

lving **e** curriculum-linked resources to develop mathematical reasoning

**Literacy websites and online resources**

**[CLPE’s PoetryLine](https://clpe.org.uk/poetryline%22%20%5Ct%20%22_blank)** is an excellent resource. Their PoetryLine website holds an extensive bank of poems for children and [teaching resources](https://clpe.org.uk/poetryline/resources/other-teaching-sequences), videos of [poet performances](https://clpe.org.uk/poetryline/poets) and [interviews](https://clpe.org.uk/poetryline/poets-videos/poet-interviews) to support the teaching of poetry.

**[Pobble 365](http://www.pobble365.com/%22%20%5Ct%20%22_blank)** is another brilliant online resource for English. Offering a new picture and teaching resource every day, usually consisting of questions around an image, story starters that allow children to continue the story, sentence challenges and illustration tasks.

**[Newsround](https://www.bbc.co.uk/newsround%22%20%5Ct%20%22_blank)** is a safe place for children to access news and a useful non-fiction resource. The [CBBC Shows](https://www.bbc.co.uk/cbbc/shows%22%20%5Ct%20%22_blank) section of the site also has useful links to shows such as Deadly 60 and Horrible Histories which they can watch through BBC iPlayer.

**[Michael Rosen’s website](https://www.michaelrosen.co.uk/videos/%22%20%5Ct%20%22_blank)** and Youtube Channel is a goldmine of imaginative, fun ideas and video clips linked to stories and poetry. It includes hundreds of videos ranging from How to Beat Box with SchloMo, Storymapping and 68 Rib-Tickling Jokes, to Poetry Mega-Bundles, Interviews and stories read aloud by Michael himself. This site is a real gem!

**[The Literacy Shed](https://www.literacyshed.com/home.html%22%20%5Ct%20%22_blank)**has a range of excellent short films to inspire writing and discussion. Whilst the sequences/lesson plans are paid-for on Literacy Shed Plus, there are a range of videos, which you can access for free, on the main website.

**In addition, [Literacy Shed Images](https://www.literacyshed.com/the-images-shed.html%22%20%5Ct%20%22_blank)**provides a series of interesting images, illustrations and photographs to act as writing prompts. Some have questions and ideas for writing written alongside them too.

**[GetEpic.com](https://www.getepic.com/%22%20%5Ct%20%22_blank)**is full of non-fiction, comics and loads of great reading material! It’s [free for educators](https://www.getepic.com/educator-sign-up/profile%22%20%5Ct%20%22_blank) to sign up and they are currently offering free remote student access during schools closures. You’ll be able to assign books and monitor class progress as students use Epic to learn from home.

**BBC Bitesize** has useful English resources for all key stages, including:[BBC Bitesize KS1 stories](https://www.bbc.co.uk/education/topics/z6vv4wx), [BBC Bitesize KS2 creative writing](https://www.bbc.co.uk/education/topics/zpccwmn) and [BBC Bitesize KS3 creative and narrative writing](https://www.bbc.co.uk/education/guides/zwjsyrd/revision) with a series of explanatory videos and related tasks or online interactive quizzes that test students’ understanding of different skills and features.

**[Once upon a Picture](https://www.onceuponapicture.co.uk/%22%20%5Ct%20%22_blank)**is another fantastic stimulus website, including plenty of pictoral inspiration for your young writers! Each image comes with a raft of questions to ponder and, usually, a related writing task too

**[Lit Film Fest](https://litfilmfest.com/product-category/free/%22%20%5Ct%20%22_blank)**has a range of free projects that teachers can access for Key Stages 1-4. A quick sign up process gives you access to planning for 5 free projects.

**For Vocabulary:**

[Vocabulary Ninja](https://www.vocabularyninja.co.uk/resources.html)

is a fantastic website full of useful resources, word banks and games. I particularly like the [100 overused words and their alternatives](https://www.vocabularyninja.co.uk/uploads/1/1/0/0/110032277/100_words_and_alternatives.pdf) document and the Vocab Lab App for iPads.

[Describing Words](http://describingwords.io/)

is a brilliant online tool to help expand vocabulary and expose children to more adventurous words. They simply type in the noun they want to describe (e.g. teacher) and the website will generate a whole host of possible adjectives.

[Word Hippo](https://www.wordhippo.com/)

is a fantastic vocabulary tool that allows the user to explore synonyms, antonyms, meanings, rhyming words, the word in context (sentences) and audio pronunciations.

[vocabulary.co.li](http://www.vocabulary.co.il/%22%20%5Ct%20%22_blank)

offers hundreds of amazing games and activities for building and teaching vocabulary.

[The Verbivore Teacher’s Vocabulary Vault](https://verbivoreteacher.com/2018/04/12/verbivores-vocab-vault/)

is an incredible resource with a treasure trove of categorised word banks including teaching plans, lesson resources and ‘words for the fridge’ at home. It also has some excellent free resources to support the explicit vocabulary teaching of greek and latin root words.

[Vocabulary.com](https://www.vocabulary.com/)

is free and easy to join. This website has multiple uses, from online dictionary, to emoji explanations, vocab resources and word quizzes. One of the most impressive features for teachers is that you can create lists of words for different topics and assign prep, quizzes and tasks based on these words. If you sign up to the newsletter, they’ll also send you the ‘Word of the Day’.

[Visuwords.com](https://visuwords.com/recording_system)

is self-explanatory: it creates interesting graphic visuals and word webs for your chosen word

[Online Etymology Dictionary](https://www.etymonline.com/)

is a fantastic website for instilling that inquisitive nature in children. The etymology of words is fascinating and, with a quick search, you can gain word origins and histories in a matter of seconds. It gives dates beside a word which indicates the earliest year for which there is a surviving written record of that word.

[Word Sift](https://wordsift.org/)

is another great web tool that can help children to visualise vocabulary. From word-clouds, to connecting key words, this website has lots of potential for the classroom

[Mini MatrixMaker](http://www.neilramsden.co.uk/spelling/matrix/index.html)

is a great tool for encouraging children to consider how words are ‘built’. They can explore the number of prefixes and suffixes through ‘word sums’ (e.g. for the word joy, a word sum could be joy + ful). From there, building an accurate, attractive matrix is all done for them, producing a word ‘Mini-Matrix’.

**Further free websites and online resources**

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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.

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.

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).

Seneca

https://www.senecalearning.com

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

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.

Blockly

https://blockly.games

Learn computer programming skills - fun and free.

Scratch

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

Creative computer programming

Ted Ed

https://ed.ted.com

All sorts of engaging educational videos

National Geographic Kids

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

Activities and quizzes for younger kids.

Duolingo

https://www.duolingo.com

Learn languages for free. Web or app.

Mystery Science

https://mysteryscience.com

Free science lessons

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

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.

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.

Tinkercad

https://www.tinkercad.com

All kinds of making.

Prodigy Maths

https://www.prodigygame.com

Is in U.S. grades, but good for UK Primary age.

Cbeebies Radio

https://www.bbc.co.uk/cbeebies/radio

Listening activities for the younger ones.

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!

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

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/?fbclid=IwAR2wJdpSJSeITf4do6aPhff8A3tAktnmpaxqZbkgudD49l71ep8-sjXmrac

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.