



# Downsview Primary School



## 30 Day LEGO Challenge

Follow the instructions for each day. The only rule is to have fun and use your imagination!

		Day 1	Day 2	Day 3	Day 4
		You were hired by an amusement park to create a new roller coaster.	NASA needs you to build a new rocket.	Your parents want you to build a new home and they want you to build it.	Hollywood hires you to build a movie set for a new Star Wars movie.
Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
You enter a contest to build the world's tallest tower. Will you win?	You are stuck on Mars and need to build a new ship to get home.	Ford hires you to create the toughest pick up truck in the world.	You and 4 friends are stranded on an island. Build a boat to find a way home.	Captain Hook needs a new pirate ship and wants you to build it.	You and your friends decide to build a tree house.
Day 11	Day 12	Day 13	Day 14	Day 15	Day 16
Prince Charming hires you to build a castle for him & Cinderella.	Dr. Who hires you to build a new TARDIS.	You are asked by the President to build a new monument to George Washington.	Mr. Hilton hires you to build a new hotel.	There is a circus in town. Build a place for the performance.	Help your fellow pioneers build a wagon to make it across the country.
Day 17	Day 18	Day 19	Day 20	Day 21	Day 22
Build the fastest car around and join the big car race.	Do you wanna build a snowman? Get in the winter mood and build a snow scene.	The city wants you to build a bridge to connect one side of the town to the other.	Pizza party! It is up to you to make a pizza for all the guests.	You are hired to build a brand new hospital.	The fence is broke and the dog keeps escaping. Build one he can't get out of.
Day 23	Day 24	Day 25	Day 26	Day 27	Day 28
You are now in medieval times. You are commissioned to build a jousting arena.	The local bank keeps getting robbed. Build a safe no one can crack.	Design and build your dream bedroom.	You are elected ruler. Build a flag for your land.	Aliens are invading and you need to build a war robot to defeat them.	The aliens have taken over. They are impressed by your robot. They want you build one for them.
Day 29	Day 30				
You are hired to build a house entirely out of yellow Legos.	There is blizzard. You will need to build a snowmobile.				
					What was your favorite day?



Included in this document you will find a range of web links for children to access different areas of the curriculum.

**[Links that Cover a Range of Curriculum Areas](#)**

<https://www.thenational.academy/> - basically an online school with lessons for every subject and every year group

<https://www.twinkl.co.uk/home-learning-hub> - you can find resources to cover anything you need here, in fact sometimes it can be a little overwhelming!

<https://home.oxfordowl.co.uk/school-closure-resources/> free online learning resources that cover a range of subject areas.

<https://www.bbc.co.uk/bitesize/primary> Simply select your child's Key Stage and you can find a wealth of resources that cover the curriculum

**[Additional Activities](#)**

<https://www.scouts.org.uk/the-great-indoors/>

<https://www.dayoutwiththekids.co.uk/blog/indoor-activities-for-kids> a range of activities to keep you busy

<https://www.jamieoliver.com/features/category/get-kids-cooking/> - a blog with too many yummy things to mention

Or you could try the LEGO Challenge on the first page of this document!



### **Mathematics Website Links:**

<https://www.trockstars.com/> - Such a useful tool for practising times tables. Your child has an account provided by the school (Year 2 and up).

<https://www.mathletics.com/uk/> - Tasks set weekly by your child's teacher (when not in lockdown!) but you can still access all the tasks yourself.

<https://whiterosemaths.com/homelearning/> - Video support for all the objectives covered in the National Curriculum! Although it will not match week by week to what is being taught, this is a really useful tool if your child is finding a particular learning objective tricky.

<https://corbettmathsprimary.com/> - Video support for all of KS2 learning objectives. Worksheets and answers for children to have a go at once they have watched the video. Another really useful tool if your child is finding a particular learning objective difficult.

### **General**

Top Marks (Maths and English games) <http://www.topmarks.co.uk/maths-games/5-7-years/counting>

Granny Racer: <http://www.multiplication.com/games/play/granny-prix>

Hit the Button: <http://www.topmarks.co.uk/maths-games/hit-the-button>

Maths Zone (Maths only games) <http://mathszone.co.uk/>

BBC KS1: <http://www.bbc.co.uk/bitesize/ks1/maths/>

BBC KS2: <http://www.bbc.co.uk/bitesize/ks2/maths/>

Math Playground: <http://www.mathplayground.com/games.html> (This is an American site, so be careful with some number and time games)

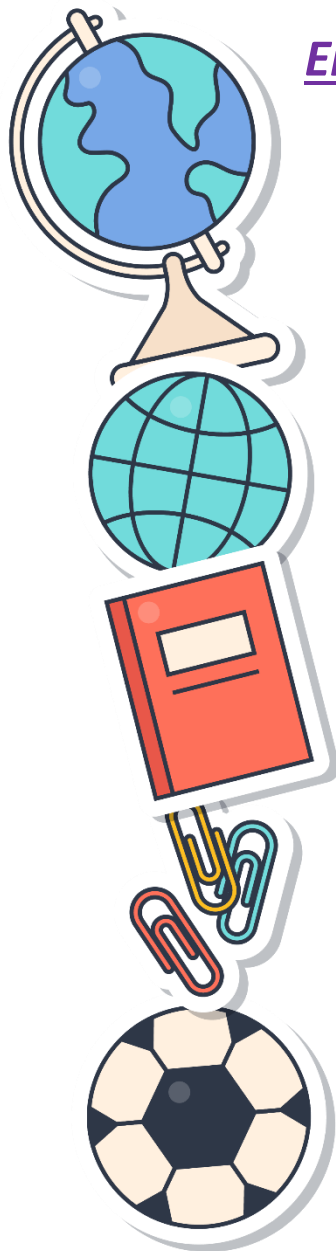
Maths Champs: <http://www.mathschamps.co.uk/#home>

Games for all subjects and all age groups: <http://primarygamesarena.com/Years>

Early Years: <https://www.bbc.co.uk/cbeebies/topics/numeracy>

Early Years: <https://nrich.maths.org/early-years>





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## English Website Links:

### EYFS & KS1

[www.bbc.co.uk/bitesize/ks1/](http://www.bbc.co.uk/bitesize/ks1/)

<http://www.ictgames.com/resources.html>

[http://www.bbc.co.uk/schools/digger/5\\_7entry/5\\_7.shtml](http://www.bbc.co.uk/schools/digger/5_7entry/5_7.shtml)

<http://www.crickweb.co.uk/ks1numeracy.html>

[www.topmarks.co.uk](http://www.topmarks.co.uk)

<http://games.e4education.co.uk/groupone>

<https://www.oxfordowl.co.uk/for-home/reading-site/expert-help/phonics-made-easy>

<http://www.crickweb.co.uk/ks1literacy.html>

[Kids Spell](#) (Create your own spelling lists & games) (KS1 & KS2)

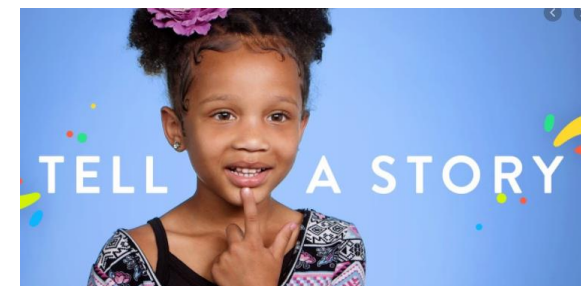
[Fun Brain](#) (Maths, reading and spelling games) (KS1 & KS2)

[Learning Games for Kids](#) (Spelling and word games) (KS1 & KS2)

[Eduplace.com](#) (Levelled spelling and vocabulary games) (KS1 & KS2)

[PrimaryGames.com](#) (Spelling rules, incl. vowels, blends, plurals etc) (KS1 & KS2)

[ICT Games.com](#) (Look, cover, check game) (KS1 & KS2)



## English Website Links:

### **KS2**

[http://www.bbc.co.uk/schools/digger/7\\_9entry/7\\_9.shtml](http://www.bbc.co.uk/schools/digger/7_9entry/7_9.shtml)

[http://www.bbc.co.uk/schools/digger/9\\_11entry/9\\_11.shtml](http://www.bbc.co.uk/schools/digger/9_11entry/9_11.shtml)

[www.bbc.co.uk/bitesize/ks2](http://www.bbc.co.uk/bitesize/ks2)

[www.topmarks.co.uk](http://www.topmarks.co.uk)

<http://www.crickweb.co.uk/ks2literacy.html>

[BBC Spellits](#) (Spelling games) (KS2)

[BBC Bitesize](#) (Spelling and grammar) (KS2)

[Arcademic Skill Builders](#) (Literacy and maths games)

[Crickweb](#) (Literacy and maths educational games) (KS2)

[Kids Spell](#) (Create your own spelling lists & games) (KS1 & KS2)

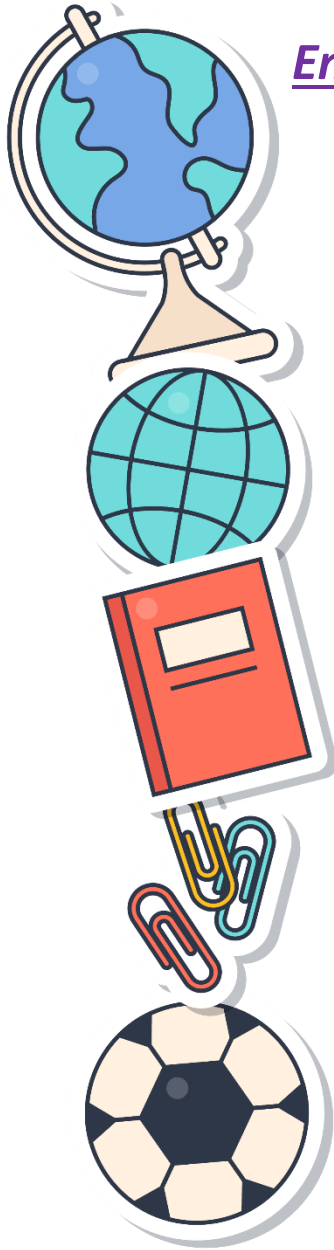
[Fun Brain](#) (Maths, reading and spelling games) (KS1 & KS2)

[Learning Games for Kids](#) (Spelling and word games) (KS1 & KS2)

[Eduplace.com](#) (Levelled spelling and vocabulary games) (KS1 & KS2)

[Manythings.org](#) (Aimed at ESL students but includes useful spelling & vocabulary games) (KS2)

[Spelling city](#) (Vocabulary and spelling interactive activities, printable worksheets, games) (KS2)



Phonics Website Links:

Phonics activities

<http://www.letters-and-sounds.com/>

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

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

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

Videos 'lessons'

**Letters and Sounds:**

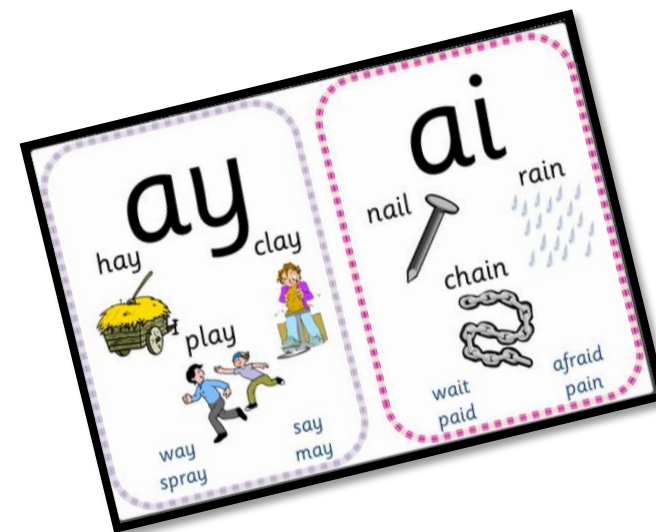
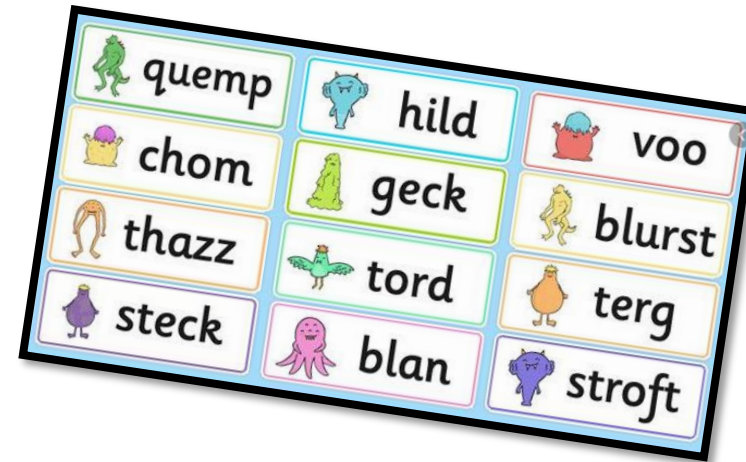
[https://www.youtube.com/channel/UCP\\_FbjYUP\\_UtldV2K\\_niWw](https://www.youtube.com/channel/UCP_FbjYUP_UtldV2K_niWw)

**Farr Phonics:**

<https://youtube.com/channel/UCJbKBSCjvgorupx6AmJWokQ>

**Mr T's Phonics:**

<https://www.youtube.com/c/MrTsPhonics>



## Science Website Links:

KS1

<http://www.crickweb.co.uk/ks1science.html>

<https://www.topmarks.co.uk/Search.aspx?Subject=26>

<https://www.stem.org.uk/primary-science>

<https://www.bbc.co.uk/bitesize/subjects/z6svr82>

<https://www.sciencefun.org/kidszone/experiments/>

<https://www.weareteachers.com/easy-science-experiments/>

KS2

<https://www.stem.org.uk/primary-science>

<http://www.crickweb.co.uk/ks2science.html>

<https://www.bbc.co.uk/bitesize/subjects/z2pfb9q>

<https://www.thetelegraphandargus.co.uk/news/19072715.10-fun-science-experiments-can-home-kids/>

<https://www.sciencefun.org/kidszone/experiments/>

<https://www.weareteachers.com/easy-science-experiments/>



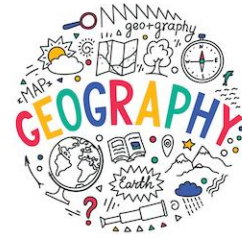
## [Geography Website links:](#)



National Geographic Kids – A brilliant website full of videos, games and resources to help you learn about animals, habitats, countries and cultures.

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

<https://www.natgeokids.com/uk/category/discover/geography/>



Google Earth: Visit anywhere in the world! This website allows you to look all around the world and also has photos, street view and knowledge cards to teach you about the places you've found.

<https://earth.google.com/web/>

NASA Climate Kids: This website from NASA will teach you all about the weather and climate as well as diving into everything to do with climate change. It has games, videos and activities for you to explore.

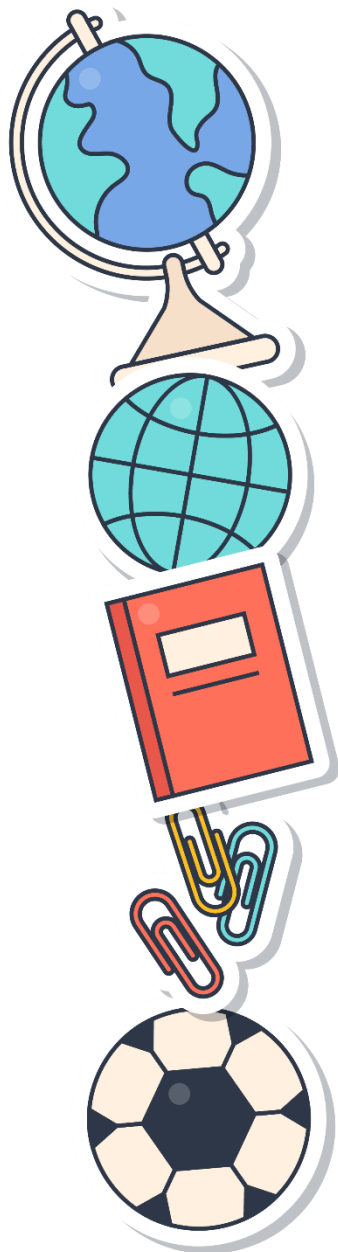
<https://climatekids.nasa.gov/>

The Happy Broadcast: A wonderful website with good news about efforts to protect our planet as well as other equality, conservation and rights news.

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

3D Geography: This website has plenty of information and resources about lots of different geography topics. It also has guides for making models including an earthquake testing kit!

<https://www.3dgeography.co.uk/>







## History Website Links:

### Key Stage Two – Ancient Civilizations

#### Ancient Egyptians

<https://www.bbc.co.uk/bitesize/topics/zg87xnb>

<https://www.natgeokids.com/uk/discover/history/egypt/ten-facts-about-ancient-egypt/>

<http://www.primaryhomeworkhelp.co.uk/Egypt.html>

<https://www.historyforkids.net/ancient-egypt.html>

<https://www.dkfindout.com/uk/history/ancient-egypt/>

#### Ancient Greeks

<https://www.bbc.co.uk/bitesize/topics/z87tn39>

<https://www.britishmuseum.org/learn/schools/ages-7-11/ancient-greece/classroom-resource-greek-women>

#### The Olympics

<https://www.britishmuseum.org/learn/schools/ages-7-11/ancient-greece/classroom-resource-olympic-games>

<http://www.primaryhomeworkhelp.co.uk/Greece.html>

<https://www.natgeokids.com/uk/discover/history/greece/10-facts-about-the-ancient-greeks/>

<https://www.dkfindout.com/uk/history/ancient-greece/>

#### Mayan Civilisations

<https://www.bbc.co.uk/bitesize/topics/zq6svcw>

<https://www.theschoolrun.com/homework-help/the-maya>

[https://www.ducksters.com/history/maya/daily\\_life.php](https://www.ducksters.com/history/maya/daily_life.php)

<https://www.natgeokids.com/uk/primary-resource/mayan-civilisation-primary-resource/>

#### Kingdom of Benin

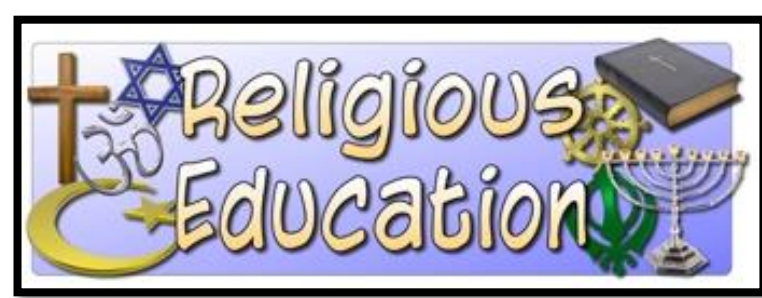
<https://www.bbc.co.uk/bitesize/topics/zpvckqt>

<https://school-learningzone.co.uk/key-stage-two/ks2-history/world-history/benin-west-africa/benin-west-africa.html>

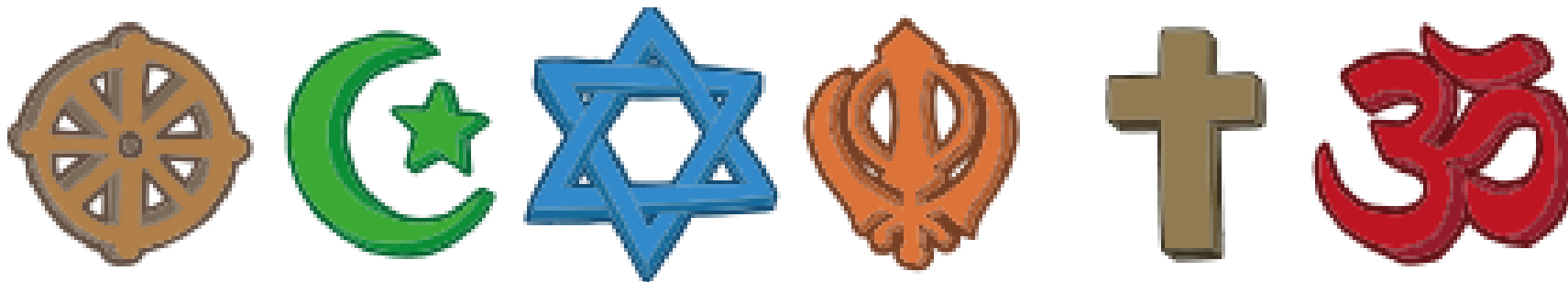
<https://www.britishmuseum.org/learn/schools/ages-7-11/africa/visit-resource-benin>



RE Website Links:



CAFD	<a href="http://www.cafod.org.uk/primary">www.cafod.org.uk/primary</a>
RE Online	<a href="https://www.reonline.org.uk/teaching-resources/">https://www.reonline.org.uk/teaching-resources/</a> , you can take tours of a variety of places of worship and look at artefacts important to different faiths.
BBC - Bitesize	<a href="https://www.bbc.co.uk/bitesize/subjects/zxnygk7">https://www.bbc.co.uk/bitesize/subjects/zxnygk7</a>





## Well-Being Website Links:

<https://www.partnershipforchildren.org.uk/what-we-do/resources-for-parents.html> - website for parents and carers. They have Resilience-building Activities looking at feelings, communication, friendship as well as how to deal with anger and loss. There are also activities and resources for children who are moving schools.

Young Minds: <https://youngminds.org.uk/> A website giving tips about how to deal with phobias, panic attacks, loneliness, anxiety, how to deal with lockdown, how to come out of lockdown etc.

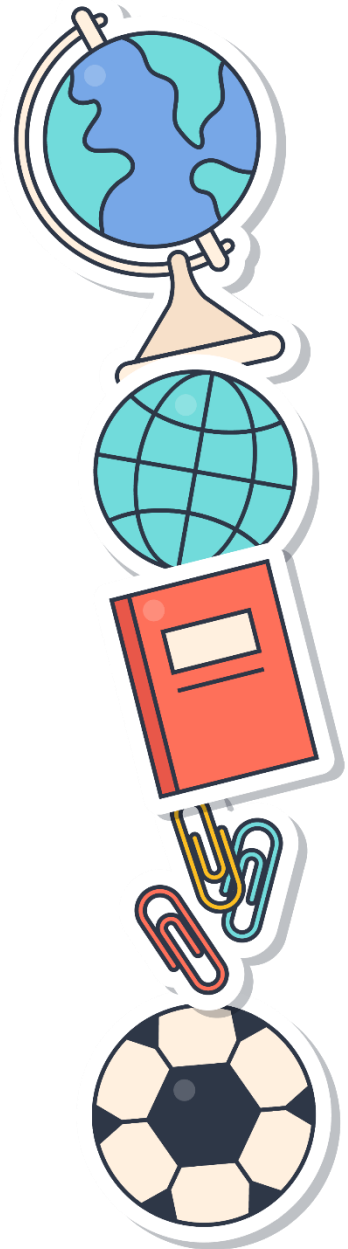
<https://www.place2be.org.uk/our-services/parents-and-carers/coronavirus-wellbeing-activity-ideas-for-families/> - activities for children at home to help them deal with their mental health and well-being.

NSPCC website: <https://learning.nspcc.org.uk/child-health-development/promoting-mental-health-wellbeing>

<https://www.mentalhealth.org.uk/publications/make-it-count-guide-for-parents-and-carers> - tips to help your children deal with mental health and well-being

<https://www.bbc.co.uk/teach/five-ways-to-help-childrens-wellbeing/zfb2d6f> - five ways to help children's mental health and wellbeing

<https://www.childrensociety.org.uk/what-we-do/our-work/well-being> - emotional well-being website



# physical education

## PE Website Links:

It is important that you stay active. Below are some resources for P.E activities to do at home:

<https://www.youthsporttrust.org/60-second-physical-activity-challenges> - Some fun 60 second physical activities that can be done at home or in an outdoor space

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ> - P.E with Joe!

<https://www.nhs.uk/change4life> - Change 4 Life.

<https://drive.google.com/file/d/1Cf1BQk2-kbOt3E8hQYK5qdhmLKKsVafH/view> - Netflix Active Workout.

<https://www.thisgirlcan.co.uk/activities/disney-workouts/> - Disney themed and dance workouts.

<http://www.thefa.com/get-involved/the-fa-superkicks> - The link and information about the FA super kicks app. Perfect for the back garden or outdoor space.

<https://www.afpe.org.uk/thisispe-supporting-parents-to-teach-pe-at-home> here to help parents teach P.E activities at home.

<https://www.youtube.com/user/CosmicKidsYoga> - Cosmic Kids Yoga.



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## Spanish Website Links:

Here's the Spanish ones:

<https://rockalingua.com/>

Username: Downsview

Password: Spanish

<https://www.bbc.co.uk/bitesize/subjects/zxsvr82>

[https://www.primaryresources.co.uk/mfl/mfl\\_spanish.htm](https://www.primaryresources.co.uk/mfl/mfl_spanish.htm)

<https://onlinefreespanish.com/aplica/lessons/fellinghe/feelinghe1.htm#.YDi-eej7TIV>

# ESPAÑOL

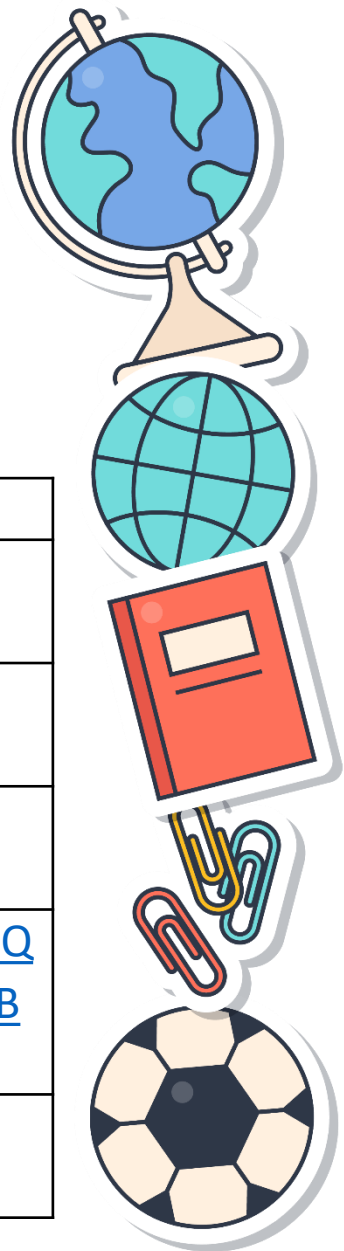




*Art Website Links:*



Tate	<a href="https://www.tate.org.uk/kids">https://www.tate.org.uk/kids</a>
Art Project Ideas	<a href="https://artprojectsforkids.org/">https://artprojectsforkids.org/</a>
V & A Museum	<a href="https://www.vam.ac.uk/info/families">https://www.vam.ac.uk/info/families</a>
The National Gallery	<a href="https://www.nationalgallery.org.uk/families/family-tours">https://www.nationalgallery.org.uk/families/family-tours</a>
The Royal Academy of Art	<a href="https://youngartists.royalacademy.org.uk/?gclid=EAlaIQobChMllcvFsr_97gIVxu3tCh0bVwliEAAYAiAAEgJA6_D_BwE">https://youngartists.royalacademy.org.uk/?gclid=EAlaIQobChMllcvFsr_97gIVxu3tCh0bVwliEAAYAiAAEgJA6_D_BwE</a>
Croydon Music & Arts	<a href="https://www.cma-online.co.uk/">https://www.cma-online.co.uk/</a>



## ICT Website Links:

### **Google Drive log in:**

You can use this online tool to create Word documents (Google Docs), PowerPoints (Google Slides), Websites (Google Sites), Excel (Google Sheets) etc.

The site has an auto-save feature so you are able to access your documents to edit at any time. Your teacher can access this Drive too.

*To access your Year group Google Drive username and password, please contact your Class Teacher.*

### **Algorithms and Programming:**

Bee-Bot online: Practise your programming and algorithm skills

<https://beebot.terrapinlogo.com/>

Scratch online games: Make sure to click 'see inside' to open the project

<https://scratch.mit.edu/studios/1356244/>

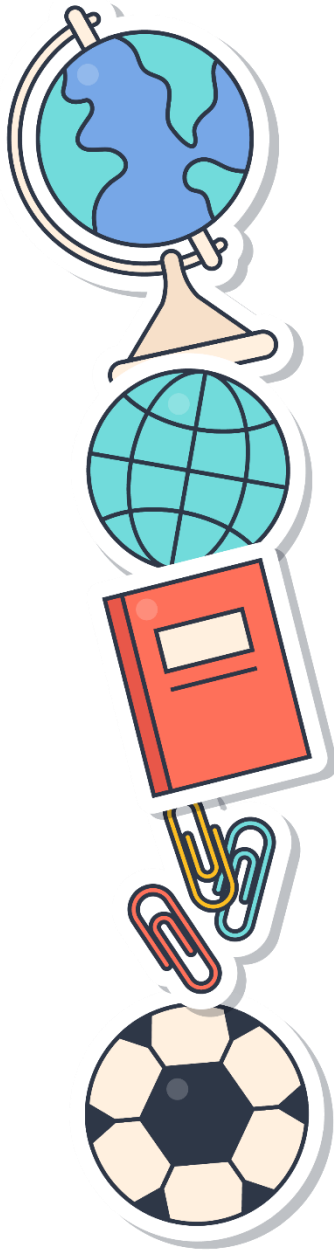
E.g Scratch – Bee-Bot Maze

<https://scratch.mit.edu/projects/19799927/editor/>

### **Other resources:**

<https://sites.google.com/ictinschools.org/covid-19learninghome/home>





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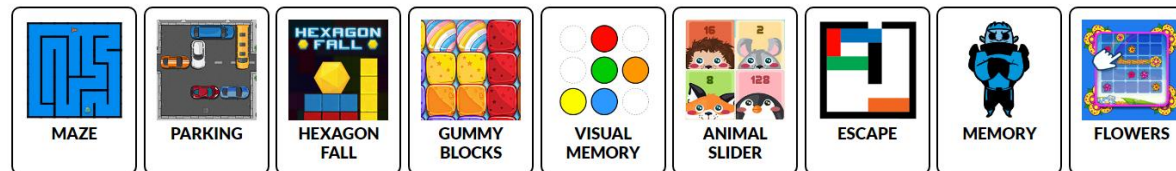
ICT Website Links:

**EYFS/KS1**

<https://sites.google.com/ictinschools.org/covid-19learninghome/home-school-free-resources/early-years-ks1>

Toy Theatre – online games that can be set such as memory, escape games. Getting them used to accessing IT and nice for fun Friday activities.

<https://toytheater.com/>



## ICT Website Links:



KS2

<https://thecrashcourse.com/>

Really nice explanatory videos about a range of subjects not just IT( mainly history, science and IT based learning) – Could be used for research lessons about certain parts of computer science. Can they write down as many facts about ‘algorithms’ or ‘cyber security’?



Escape rooms! Get using your IT skills and your brains simultaneously – a win! There are loads online, especially youtube.

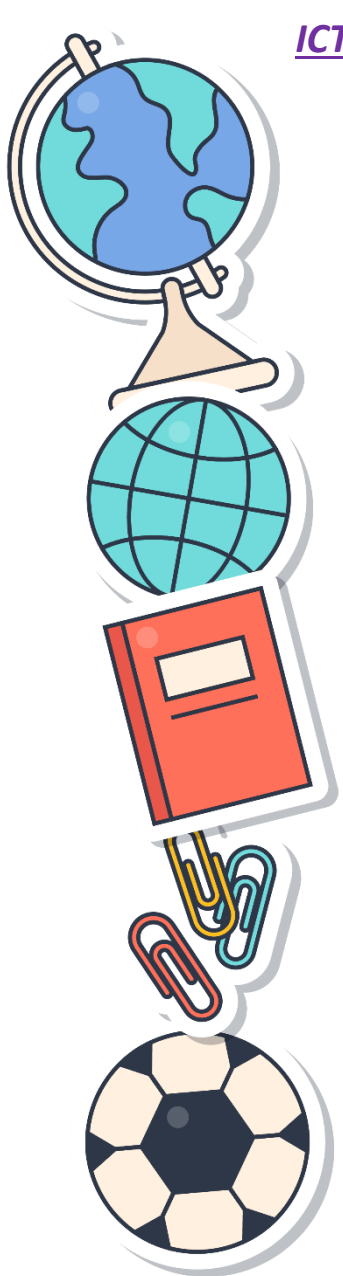
Harry Potter Escape room – Y5/6

[https://docs.google.com/forms/d/e/1FAIpQLSfINxNM0jzbZJjUqOcXkwhGTfii4CM\\_CA3kCxImbY8c3AABEA/viewform?fbclid=IwAR10iBRN3qfwd779mRqPvQcq2eaJErTczzMxuICyRBI5zRlepN-Kj4UTAYk&fbzx=-3593046309217280145](https://docs.google.com/forms/d/e/1FAIpQLSfINxNM0jzbZJjUqOcXkwhGTfii4CM_CA3kCxImbY8c3AABEA/viewform?fbclid=IwAR10iBRN3qfwd779mRqPvQcq2eaJErTczzMxuICyRBI5zRlepN-Kj4UTAYk&fbzx=-3593046309217280145)

Maths based escape rooms:

<https://www.youtube.com/watch?v=gYq45Gob1T0> - Help Miss Quinn escape by completing reasoning questions!

<https://www.youtube.com/watch?v=eEGlACxpRWE> – Crystal Maze



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## [Music Website Links:](#)

### Listening games

<https://www.musicteachers.co.uk/games/holy-mole/index.html>

<https://www.musicteachers.co.uk/games/monkey-doh/index.html>

Explore the different elements that make up a song, play or clap along with the music and make then listen back to your own version of songs:

<https://www.bbc.co.uk/teach/bring-the-noise/eyfs-ks1-music-play-it-bring-the-noise/z4sq92p>

Early years music: <https://www.bbc.co.uk/cbeebies/topics/music>

KS1: <https://www.bbc.co.uk/bitesize/subjects/z7tnvcw>

Website for singing: <https://www.singup.org/singupathome>

Get started experimenting with music: <https://www.bbc.co.uk/teach/bring-the-noise/eyfs-ks1-music-play-it-bring-the-noise/z4sq92p>

Introduction to classical music for children: <https://www.classicsforkids.com/games.html>

Making up your own music: <https://musiclab.chromeexperiments.com/>

World music archive. Listen to music from around the world:

<https://www.bbc.co.uk/programmes/articles/1QYgDsWdg6pfC7gSf3VCSD7/world-music-archive>

