STEM & COMPUTING ACTIVITIES	
Category:	**STEM**
Activity:	A range of hands on science activities from NASA, including rocketry, tours of space and astronaut training!
Duration:	60 minutes +
Age:	All
Resources:	Various resources from home for science activities
Description:	https://www.nasa.gov/stem
Category:	**STEM**
Activity:	Make your own slime!
Duration:	10 minutes to make then hours of endless amusement!
Age:	All
Resources:	See website
Description:	https://www.livescience.com/59941-how-to-make-slime-with-glue.html
Category:	**Science**
Activity:	Scavenger Hunt: Colours
Duration:	Up to one hour
Age:	Lower Prep
Resources:	Anything in your house or garden!
Description:	Put out 5 sheets of different coloured paper. Find as many objects as you can with those colours (natural or man-made) and place them on the paper. Have a competition with your family!
Category:	**Science**
Activity:	**Scavenger Hunt: Tiny objects**
Duration:	Up to one hour
Age:	Lower Prep
Resources:	Anything in your house or garden!
Description:	Find a very small container e.g. a matchbox. The challenge is to find very small objects and see how many (all different of course!) you can fit into it!

Category:	**Science**
Activity:	**Scavenger Hunt: Textures**
Duration:	Up to one hour
Age:	Lower Prep
Resources:	Anything in your house or garden!
Description:	Find something: smooth, rough, soft, spongy, tickly, hard, gritty, rubbery, prickly, fuzzy, shiny lumpy and wrinkly. Can you have a race with a member of your family? Who can find all the different textures the quickest?
Category:	**Computer Science**
Activity:	Minecraft Voyage Aquatic
Duration:	1 hour
Age:	Lower Prep / Upper Prep
Resources:	https://studio.code.org/s/aquatic/stage/1/puzzle/1
Description:	Using block code, solve the 12 puzzles to complete the aquatic challenge
Category:	**Computer Science**
Activity:	Minecraft Adventurer
Duration:	1 hour
Age:	Lower Prep / Upper Prep
Resources:	https://studio.code.org/s/mc/stage/1/puz
Description:	Using block code, solve the 14 puzzles to complete the adventure puzzle
Category:	**Computer Science**
Activity:	Minecraft Hero's Journey
Duration:	1 hour
Age:	Lower Prep / Upper Prep
Resources:	https://studio.code.org/s/hero/stage/1/puzzle/1
Description:	Using block code, solve the 12 puzzles to complete the hero's journey

Category:	**Computer Science**
Activity:	Minecraft Designer
Duration:	1 hour
Age:	Lower Prep / Upper Prep
Resources:	https://studio.code.org/s/minecraft/stage/1/puzzle/1
Description:	Using block code, solve the 12 puzzles to complete the designer puzzle
Category	**Computer Science**
Activity	Scratch programming
Duration	Variable
Age	Years 3-8
Resources	https://scratch.mit.edu/
Description	Scratch is a block-based visual programming language and website targeted primarily at children. Users of the site can create online projects using a block-like interface.
Category	**Computer Science**
Activity	Purple Mash activities
Duration	Allow 30 minutes for each activity
Age	All
Resources	https://www.purplemash.com/kingswood - click on the computing section
Description	There are a variety of tasks, quizzes and writing tools which pupils can dip in and out of depending on their area of interest. All pupils have a school PurpleMash login which can be found on Page3 of their prep diary. Please email your son's form teacher if this cannot be found.
Category	**Computer Science**
Activity	Coding challenges. Complete the challenges and unlock the puzzles to progress.
Duration	30 – 60 minutes per challenge.
Age	All
Resources	https://www.purplemash.com/#app/tools/all_challenges
Description	There are a variety of tasks, quizzes and writing tools which pupils can dip in and out of depending on their area of interest. All pupils have a school PurpleMash login which can be found on Page3 of their prep diary. Please email your son's form teacher if this cannot be found.

Category:	**Computer Science**
Activity:	Dance Party Warm Up
Duration:	1 hour
Age:	Lower Prep / Upper Prep
Resources:	https://youtu.be/tY09z2y8-xQ
Description:	Learn how to program your own dance party. Use the assembled hit music and a team of great dancers for you to play with. Use blocks of code to choose different dancers, change their dance moves, make them respond to the music, and
Category:	**Computer Science**
Activity:	Keep on Dancing (follow on from Dance Party Warm Up)
Duration:	1 hour
Age:	**Lower Prep / Upper Prep**
Resources:	https://studio.code.org/s/dance-extras-2019/stage/1/puzzle/1
Description:	There are no puzzles here - instead there are a bunch of projects that show different ways to make more complex dance parties. There are 8 levels, which you can do in any order. Jump around to look at how something was done in a previous level, or combine concepts between the projects. Try them all, pick your favourite, and spend your time working on adding to that project to make it your own.
Category:	**Computer Science**
Activity:	Coding
Duration:	Variable
Age:	All
Resources:	https://code.org
Description:	A great website with a plethora of resources which introduces activities geared towards coding!

Category:	**Science - biology**
Activity:	Love Biology GCSE quiz site
Duration:	Variable
Age:	Seniors
Resources:	https://lovebiology.co.uk/gcse.php
Description:	**Love Biology** gives you access to 1500 multiple choice questions with feedback. You can track your scores as you complete your course or when you come to revise, and the site is mobile friendly so that you can learn and revise anywhere, anytime.
Category:	**Science**
Activity:	Experiments
Duration:	Variable
Age:	All
Resources:	**https://www.sciencefun.org/kidszone/experiments/**
Description:	Science experiments to have fun with at home!
Category:	**Science**
Activity:	Physics activities
Duration:	Variable
Age:	Lower and Upper Prep
Resources:	https://spark.iop.org/collections/marvin-and-milo#gref
Description:	Marvin and Milo at home physics activities.
Category:	**Science**
Activity:	Birdwatch
Duration:	Variable
Age:	All
Resources:	www.rspb.org.uk
Description:	Take part in Birdwatch 29-31st January 2021
Category:	**Science and Nature**
Activity:	Natural History Museum
Duration:	1 hour
Age:	All
Resources:	https://www.nhm.ac.uk/take-part.html
Description:	A range of nature-themed activities and crafts to do in and around your home from the Natural History Museum.

ENGLISH AND READING	
Category:	**Reading**
Activity:	David Walliams website and activities
Duration:	Variable
Age:	Lower Prep/Upper Prep
Resources:	https://www.worldofdavidwalliams.com/activities/
Description:	Activities to print from David Walliams inspired by his books.
Category:	**Reading**
Activity:	Audible books
Duration:	Variable
Age:	All
Resources:	https://stories.audible.com/start-listen
Description:	Instantly stream an incredible collection of stories, including titles across eight different languages. All stories are free to stream on a desktop, laptop, phone or tablet.
Category:	**Reading**
Activity:	Harry Potter at home
Duration:	Variable
Age:	Upper Prep/Seniors
Resources:	https://www.wizardingworld.com/collections/harry-potter-at-home
Description:	Discover more about the Harry Potter stories and activities on this website.
Category:	**Reading**
Activity:	Kingswood House School Reading lists
Duration:	Variable
Age:	All
Resources:	https://www.kingswoodhouse.org/curriculum/english/
Description:	Take a look at our school reading lists to find inspiration for a new book!

HUMANITIES	
Category:	**Virtual tours**
Activity:	National Parks of USA virtual tours
Duration:	Variable
Age:	All
Resources:	Computer
Description:	Virtual tours of 5 US national parks including Kenai Fjords in Alaska, Hawaii's volcanoes, Carlsbad Caverns in New Mexico, Bryce Canyon in Utah and The Dry Tortugas in Florida. Go on holiday from your living room! https://artsandculture.withgoogle.com/en-us/
Category:	**Museums and landmarks**
Activity:	Virtual tours of the world's museums and famous landmarks
Duration:	Variable
Age:	All
Resources:	Computer
Description:	Take a 'trip' up the Eiffel Tower or browse around the Uffizi in Florence! There's something here for everyone! https://artsandculture.google.com/explore
Category:	**History**
Activity:	The Big History Project
Duration:	Variable
Age:	All
Resources:	https://www.bighistoryproject.com/home
Description:	Journey through history with a range of lessons and activities.
Category:	**Geography**
Activity:	Geography games and activities
Duration:	Variable
Age:	All
Resources:	https://world-geography-games.com/world.html
Description:	World geography games offers games and quizzes to improve your geographical knowledge.

Category:	**History**
Activity:	Horrible Histories
Duration:	Variable
Age:	All
Resources:	https://www.bbc.co.uk/iplayer/group/b00sp0l8
Description:	Everybody's favourite!
Category:	**History**
Activity:	BBC History
Duration:	Variable
Age:	All
Resources:	https://www.historyextra.com/
Description:	Online magazine, articles and podcasts. Free. A huge variety of subjects covered.
Category:	**History**
Activity:	BBC Bitesize
Duration:	Variable
Age:	All
Resources:	https://www.bbc.co.uk/bitesize/subjects/z7svr82
Description:	Covers all key stages
Category:	**History**
Activity:	History Hit
Duration:	Variable
Age:	Upper Prep and Seniors
Resources:	www.tv.historyhit.com
Description:	A podcast website hosted by historian Dan Snow. Fabulous podcasts from historians covering a huge variety of topics. There is a monthly subscription but it is excellent.

DT, ART & CRAFTS	
Category:	**Model Making**
Activity:	Various
Duration:	70 minutes +
Age:	Year 3+
Resources:	Airfix kits etc…
Description:	A chance to build that model you got for Christmas! There are many videos on Youtube that give you modelling tips and show you how to make models. This video shows you how to make a Spitfire. https://www.youtube.com/watch?v=VmxsoPTD4FM
Category:	**Model Making**
Activity:	Design and create your own Lego models
Duration:	60 minutes +
Age:	All years
Resources:	Lego
	https://www.freehomeschooldeals.com/free-printable-30-day-lego-challenge-instant-download/
Description:	A 30 day challenge to keep every member of the family busy!
Category:	**Crafts**
Activity:	Making dens and pom poms
Duration:	Variable
Age:	Lower Prep
Resources:	Various
Description:	Two activities to keep younger children amused! Videos on how to make a den at home and how to make pom poms. https://www.savethechildren.org.uk/what-we-do/coronavirus-information-advice/keeping-kids-entertained-during-lockdown#making

Category:	**Crafts**
Activity:	The Great Indoors – various activities from the Scouts.
Duration:	Variable
Age:	All years
Resources:	https://www.scouts.org.uk/the-great-indoors/
Description:	A wide variety of activities for all ages, from making a pinhole camera to creating your own tornado!
Category:	**Crafts**
Activity:	Make a miniature world.
Duration:	60 mins +
Age:	Lower Prep
Resources	www.booktrust.org.uk/globalassets/resources/childrens-laureate/lauren-child/staring-into-space/staring-into-space-make- your-own-miniature-world Any craft materials you have.
Description:	Use ideas from the Children's Laureate to create a miniature world about your favourite story!
Category:	**Crafts and Outdoor activities**
Activity:	Various activities from The Eden Project– from making a marble maze to building an insect home!
Duration:	Variable
Age:	Lower Prep
Resources:	https://www.edenproject.com/learn/for-everyone
Description:	Lots of great ideas for upcycling activities and outdoor fun in the garden!
Category:	**Wildlife craft**
Activity:	Make your own bird feeders
Duration:	Variable
Age:	All ages
Resources:	https://www.rspb.org.uk/fun-and-learning/for-kids/games-and-activities/activities/make-a-recycled-bird-feeder/
Description:	Feed the birds and wildlife in your garden!

Category:	**Art**
Activity:	Tate kids
Duration:	Variable
Age:	All
Resources:	https://www.tate.org.uk/kids
Description:	A range of activities and information provided by the Tate Gallery.

MUSIC	
Category:	**Music**
Activity:	Music classes
Duration:	Variable
Age:	All
Resources:	https://www.youtube.com/channel/UCQh2wgJ5tOrixYBn6jFXsXQ?reload=9
Description	Myleene Klass music lessons
Category:	**Music**
Activity:	Singing
Duration:	Variable
Age:	All
Resources	https://www.youtube.com/playlist?list=PLV51DQp2Mr648S6uufpgc8aB1cJVYpqTS
Description	Gary Barlow's Crooner Sessions
Category:	**Music**
Activity:	A range of different music resources to explore!
Duration:	Variable
Age:	All
Resources	https://www.musicteachers.co.uk/resources/funstuff https://learningmusic.ableton.com https://learningsynths.ableton.com https://www.musictheory.net/exercises https://www.audacityteam.org https://musedlab.org/aqwertyon https://worldmusic.net/blogs/guide-to-world-music https://apps.musedlab.org/groovepizza/?museid=wJTHsRW0A&

LIFE SKILLS	
Category:	**Cooking**
Activity:	Jamie Oliver
Duration:	Variable
Age:	All
Resources:	https://www.jamieoliver.com/recipes/category/books/keep-cooking-and-carry-on/
Description:	Jamie Oliver is sharing how to cook cupboard staples and leftovers up into easy, freezables meals for the family – it's a great way to get kids involved in cooking!

Category:	**Cooking**
Activity:	Recipe ideas
Duration:	Variable
Age:	All
Resources	https://www.myfussyeater.com/
Description:	There are lots of great recipes for kids to get involved in cooking.
Category:	**Blue Peter Badges**
Activity:	Earn your badge during lockdown!
Duration:	Variable
Age:	All
Resources:	https://www.bbc.co.uk/cbbc/joinin/about-blue-peter-badges
Description:	There are eight different badges to earn and all the information is on the website.

SPORT	
Category:	**Exercise**
Activity:	Ideas for exercising at home
Duration:	Variable
Age:	All
Resources	https://www.sportengland.org/jointhemovement
Description	Tips, advice and guidance on how to stay active.

Category:	**Exercise**
Activity:	Ideas for keeping active
Duration:	Variable
Age:	All
Resources	https://www.nhs.uk/change4life/activities/sports-and-activities
Description	Ideas to improve physical and mental health

Category:	**Fitness**
Activity:	PE with Joe Wickes
Duration:	30 minutes
Age:	All
Resources:	https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ
Description	PE lessons streamed on Joe's The BodyCoach YouTube Channel every Monday, Wednesday and Friday.