

ONLINE/HOME LEARNING MATERIALS FOR SECONDARY PUPILS (ages 11 - 16)

These resources are all free to use, unless indicated by (£). They are designed to enhance the learning materials provided by school and are not a replacement or an alternative to any materials provided by teachers. Questions about the websites linked to below need to be sent to those sites, not asked of the school.

MATHS & COMPUTER SCIENCE	Simon Singh sets weekly maths challenges at https://parallel.org.uk iDEA awards help you gain career building badges for coding https://idea.org.uk Scratch – coding and gaming https://scratch.mit.edu/explore/projects/games Tinkercad – free building, modelling and coding https://www.tinkercad.com TechResort will be offering regular updates on coding and making on their blog https://techresorteb.com Khan Academy https://www.khanacademy.org covers maths and computing. BBC Bitesize Maths for KS3 https://www.bbc.co.uk/bitesize/subjects/zqhs34j and GCSE https://www.bbc.co.uk/bitesize/subjects/z38pycw BBC Bitesize Computer Science for KS3 https://www.bbc.co.uk/bitesize/subjects/zvc9q6f and GCSE https://www.bbc.co.uk/bitesize/subjects/z34k7ty
ENGLISH	British Council has lesson plans and activities for learning English https://www.teachingenglish.org.uk/resources/secondary

Petra Boynton, March 2020

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	<p>BBC Bitesize English for KS3 https://www.bbc.co.uk/bitesize/subjects/z3kw2hv and GCSE English Language https://www.bbc.co.uk/bitesize/subjects/zr9d7ty and English Literature https://www.bbc.co.uk/bitesize/subjects/zckw2hv</p> <p>Audible books (£) have a range of fiction and non fiction for children to listen to with selection ages of: 11-13 https://www.audible.co.uk/cat/Young-Adults/Ages-11-13-Audiobooks/536045031 13+ https://www.audible.co.uk/cat/Young-Adults/Ages-13-Up-Audiobooks/536046031</p>
<p>SCIENCE & ENGINEERING</p>	<p>The Royal Institution's Christmas Lectures archive, explaining different aspects of science in novel ways https://www.rigb.org/christmas-lectures</p> <p>James Dyson Foundation has challenges for budding engineers to try https://www.jamesdysonfoundation.co.uk/resources/challenge-cards.html</p> <p>Crest Awards – complete science awards at home https://www.crestawards.org</p> <p>NASA STEM has stories, films, experiments and other space-science topics to explore https://www.nasa.gov/stem/forstudents/9-12</p> <p>Enter your location to spot when the International Space Station will be flying overhead https://spotthestation.nasa.gov/sightings</p> <p>Sky At Night Magazine https://www.skyatnightmagazine.com</p> <p>The New Scientist https://www.newscientist.com</p> <p>British Psychological Society's Research Digest (a weekly psychology study explained, parental discretion may be advised) https://digest.bps.org.uk</p> <p>BBC Bitesize Science for KS3 https://www.bbc.co.uk/bitesize/subjects/zng4d2p and GCSE</p>

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	https://www.bbc.co.uk/bitesize/subjects/zrkw2hv
HISTORY	<p>Netflix Who Was? Show introduces figures from history in a fun way https://www.netflix.com/gb/title/80184379</p> <p>Big History Project takes you on a whistle stop tour of world history https://www.bighistoryproject.com/home</p> <p>BBC Bitesize History for KS3 https://www.bbc.co.uk/bitesize/subjects/zk26n39 and GCSE https://www.bbc.co.uk/bitesize/subjects/zj26n39</p>
GEOGRAPHY	<p>BBC Bitesize Geography for KS3 https://www.bbc.co.uk/bitesize/subjects/zrw76sg and GCSE https://www.bbc.co.uk/bitesize/subjects/zkw76sg</p> <p>You and Co2 lets you be part of a youth-led project on climate change http://youandco2.org</p> <p>African Farmer Game, created by Sussex University is an interactive game where you work out what you need to run your farm, while learning about other environments https://www.africanfarmergame.org</p> <p>The Wildlife Trust has information on diverse animal and plant life plus webcams to watch animals from your own home! https://www.wildlifetrusts.org/wildlife</p>
ARTS	<p>Arts documentaries on BBC IPlayer https://www.bbc.co.uk/iplayer/categories/arts/featured</p> <p>BBC Bitesize ideas for art KS3 https://www.bbc.co.uk/bitesize/subjects/z6f3cdm and GCSE https://www.bbc.co.uk/bitesize/subjects/z6hs34j</p> <p>BBC Bitesize Design and Technology for KS3 https://www.bbc.co.uk/bitesize/subjects/zfr9wmn</p>

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	<p>and GCSE https://www.bbc.co.uk/bitesize/subjects/zvg4d2p</p> <p>BBC Bitesize Music KS3 https://www.bbc.co.uk/bitesize/subjects/zmsvr82 and GCSE https://www.bbc.co.uk/bitesize/subjects/zpf3cdm</p>
PHSE, CITIZENSHIP & RELIGIOUS EDUCATION	<p>BBC Bitesize PHSE/Citizenship for KS3 https://www.bbc.co.uk/bitesize/subjects/ztv9j6 and GCSE https://www.bbc.co.uk/bitesize/subjects/z3ckjxs</p> <p>BBC Bitesize Religious Education for KS3 https://www.bbc.co.uk/bitesize/subjects/zh3rkqt and GCSE https://www.bbc.co.uk/bitesize/subjects/zb48q6f</p> <p>PHSE/Citizenship free resources https://www.tes.com/teaching-resource/covid-19-home-learning-pack-coronavirus-12267191</p> <p>StoryCorps is an American project that collects people's life stories to share their diverse experiences (parental checks may be required) https://storycorps.org</p>
LANGUAGES	<p>Duolingo https://www.duolingo.com</p> <p>BBC Bitesize have teaching materials for a variety of languages for KS3 and GCSE, search here: https://www.bbc.co.uk/bitesize/levels/z98jmp3</p>
GENERAL These are learning portals hosting a variety of courses and interesting content. It may be sensible to check prior to using	<p>Search for different subject/topic areas via BBC Learning http://www.bbc.co.uk/learning/coursesearch</p> <p>BBC Bitesize offers a wider range of topics covered at GCSE if not listed above https://www.bbc.co.uk/bitesize/levels/z98jmp3</p> <p>BBC 4 has a range of documentaries on a variety of topics available on BBC I Player https://www.bbc.co.uk/iplayer/categories</p>

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<p>any to ensure they are age-appropriate.</p>	<p>FutureLearn can be used on account from 14+ but parents can set up an account for pupils in Years 7 and 8 https://www.futurelearn.com</p> <p>BBC Sounds https://www.bbc.co.uk/sounds has podcasts for plays, documentaries, discussions and interviews.</p> <p>Open Learn hosts free courses and films made by the Open University https://www.open.edu/openlearn</p> <p>TedEd a host of talks from speakers from all over the world on a variety of different topics (quality of the talks does vary) https://ed.ted.com</p> <p>The Kid Should See This – regular updates of cool new things to see covering a range of topics https://thekidshouldseethis.com</p> <p>Crash Course covers all subjects students are learning at school https://thecrashcourse.com</p> <p>OutSchool has a variety of lessons to follow (£) https://outschool.com</p> <p>Skype A Scientist can match you with a one-to-one online tutorial with a scientist! Sign up for free here: https://www.skypeascientist.com/for-families.html</p> <p>Museums, zoos and art galleries are offering virtual tours or films/updates on their websites.</p> <p>Amazing Educational Resources (companies making freely available resources) http://www.amazingeducationalresources.com</p> <p>Gov.UK's National Curriculum Guide https://www.gov.uk/national-curriculum</p>
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