

Challenge and extension for students in S1-3

We expect our S1-3 students to do around 3-4 hours of work a day. This is set by subject teachers. The following resources are extension tasks and materials for those students who may find they need more challenge. There are set challenges in Science and English in March.

All Subjects

The following websites have carefully prepared online learning that matches up with large parts of our S1-3 curriculum. Teachers use them frequently but students can also use them for support and to stretch themselves.

- BBC Learning <https://www.bbc.co.uk/bitesize>
- Esgoil <http://e-sgoil.com/>
- West OS All pupils can now access recorded video lessons on @West_OS using their Glow login to support their learning and revision at home! Pupils can find this in the Glow App Library where they will be able to add the tile to their personal Glow Launchpad.
- Oak National Academy https://www.thenational.academy/?gclid=Cj0KCQiAyJOBbHDCARIsAJG2h5cLsqA-MYgV0GinKoKtoa-42mjOR9V87xdLNbNg4KeEe63FPKRQBwsaAjkeEALw_wcB

- TedEd <https://ed.ted.com> Very many educational videos

Extension Tasks for Modern Languages in the BGE

There are quite a few websites you can use to improve your knowledge of the language you are learning.

Here are just some of them:

Linguascope: www.linguascope.com Use the beginner level for basic vocabulary revision. Use the intermediate level if you want to extend your knowledge of the language. Ask your teacher for the login details if you don't have them.

Languages Online: www.languagesonline.org.uk This is useful for grammar revision. No password required.

Duolingo: <https://www.duolingo.com> Duolingo is a very good language app which you can use to help you in your language learning. You should register with your own details to use Duolingo.

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

There are lots of cartoons or videos in different languages on YouTube. All you need to do is type in the name of the cartoon or video and write the language after it e.g. Disney songs or films in French / German / Spanish and choose the videos you want to watch. Even though they don't have subtitles and you won't understand everything, it is a very interesting way to listen to the language. It might also be a good idea to watch it in English first and then watch it in the language so you know what it is about.

STEM

- Tinkercad <https://www.tinkercad.com> All kinds of making.
- Fuse schools STEM films <https://www.youtube.com/user/virtualschooluk>

English

- World Book Day challenge <https://www.worldbookday.com/ideas/>
- Take a picture of yourself with your favourite book. Write a review – big or small on your favourite book
- Give us a short summary of the book and why you love it – say why you would recommend it to a friend!
- Due on 22nd March to your English teacher.

Maths

- Khan Academy <https://www.khanacademy.org> Good for Maths advice and practice, but with a US steer.

Information Technology

- Blockly <https://blockly.games> Learn computer programming skills
- Scratch <https://scratch.mit.edu/explore/projects/games/> Creative computer programming
- Computing <https://www.codecademy.com/> Variety of programming and html courses
- <https://www.udemy.com/> - Variety of online courses.
- <https://www.futurelearn.com/> - Variety of online courses
- iDEA Awards <https://idea.org.uk> Digital enterprise award scheme you can complete online.

Science

- The Earlston Science Fair Challenge Deadline 26th March
https://glowscotland.sharepoint.com/portals/hub/_layouts/15/PointPublishing.aspx?app=video&p=p&chid=bba8f8c9-b6bb-4677-b3b1-ee8fef6cfb74&vid=38dff541-1d20-46c2-9578-d4313031c4ca
- The Science Hour <https://www.bbc.co.uk/programmes/p016tmt2/episodes/downloads>
- Science Weekly <https://www.theguardian.com/science/series/science>
- Chemistry World Podcasts Interesting tales of compounds and elements from the Royal Society of Chemistry <https://www.chemistryworld.com/podcasts>
- 13 Minutes to the Moon <https://www.bbc.co.uk/programmes/w13xttx2/episodes/downloads>

History

- Big History Project <https://www.bighistoryproject.com/home>
- The Anthropocene Reviewed John Green reviews modern living
<https://www.wnycstudios.org/podcasts/anthropocene-reviewed>
- The memory palace- fascinating stories from History <https://www.radiotopia.fm/podcasts/the-memory-palace>
- 99% Invisible A podcast about the effect of design on EVERY part of our lives
<https://99percentinvisible.org>
- Radio Diaries Telling stories of individuals over the past 100 years using their recordings
<http://www.radiodiaries.org/podcast/>

Geography

- Games <https://world-geography-games.com/world.html>
- <https://www.ordnancesurvey.co.uk/mapzone/>
- <https://www.youtube.com/user/Kurzgesagt>
- BBC Earth - Environmental Science <https://www.youtube.com/user/BBCEarth>
- Geography (countries) <https://www.youtube.com/user/GeographyNow>
- Crash Course (general BGE education) <https://www.youtube.com/user/crashcourse>
- Peekaboo kids (BGE STEM) <https://www.youtube.com/user/Peekaboo>
- Earth science western Australia
<https://www.youtube.com/channel/UCgWQNF54vmCphWecFj40fKA/featured>
- Earth Rocks <https://www.youtube.com/channel/UCBEwiHo718rNAekZrqjDjQ/featured>

Art

- The Artful Parent <https://www.facebook.com/artfulparent/>

Music

- Song Exploder Artists show how they created their hit records <http://songexploder.net/episodes>
- Noteflight Notation software to write your own music <https://www.noteflight.com/learn>
https://www.noteflight.com/request_learn_demo
- For general concept revision: www.ataea.co.uk <https://quizlet.com/128390048/all-higher-musicconcepts-flash-cards/> <http://www.bbc.co.uk/schools/gcsebitesize/music/>
- Literacy/Theory: <http://www.musictheory.net>
- Google ChromeMusic Lab <https://musiclab.chromeexperiments.com/Song-Maker/>
- Musictheory.net <https://www.musictheory.net/>
http://www.musictechteacher.com/music_quizzes/music_quizzes.htm
- Performance Lots of great videos on youtube to practice at home. Great for guitar, ukulele, bass, vocals...and more. Play along to the recording while chord diagrams scroll.
<https://www.youtube.com/SpencerCHale>

RME

- <https://www.reonline.org.uk/>
- http://www.bbc.co.uk/schools/websites/11_16/site/re.shtml
- <http://request.org.uk/>
- <http://www.buddhanet.net/>
- <https://www.bbc.co.uk/teach/ks3-religious-studies/z72qf4j>

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