

Year 7 Spring 1 Lockdown Curriculum 2021

Art

Topics

- Understanding colour theory through colour pencil experiments
- Still-Life (gaining accuracy in proportion and positioning when drawing objects)
- Introduction to Cubism – 20th Century Art movement
- 'Cubism tester' (an experimental piece of work in preparation for a main outcome)

Recommended Resources

- This is a great read from Tate Gallery introducing the main ideas and inventors of Cubism (Picasso and Braque) as well as some suggested activities to explore the movement further. <https://www.tate.org.uk/art/art-terms/c/cubism/all-about-cubism>
- The differences between Analytic and Synthetic Cubism are explained here, both very relevant processes to consider in the forthcoming project. <https://study.com/academy/lesson/cubist-still-life-artists-paintings.html>
- Helpful videos can be found on the Art Wallington Girls YouTube channel <https://www.youtube.com/channel/UCngXknR-KZYjMo-aJVDKW6g>
- Check the Art Dept Instagram for various art challenges, celebrations of student work and more! https://www.instagram.com/art_at_wallington_girls

Computing

Topics

Student will cover Small Basic programming aspect. Topics covered each lesson will be:

- Introduction to turtle
- For loop
- Text window
- Variables
- Conditions and Branching

Student will be expected to create their own piece of code using tasks set each lesson.

Recommended resources

- <https://www.bbc.co.uk/bitesize/subjects/zvc9q6f-> excellent website that is tailored to KS3 curriculum
- <https://scratch.mit.edu-> Scratch is a block-based visual programming language and students can use this website to create online project. It had tools for creating interactive stories, games, art, simulations and more using block-based programming.
- <https://microbit.org> - great for beginners to learn how to use coding to bring their ideas to life.
- <https://smallbasic-publicwebsite.azurewebsites.net/tutorials-> Tutorials to program in Small Basic
- <https://superbasic-v2.azurewebsites.net> – Online coding platform for Small Basic

Design and Technology (Food, RM, and Textiles)

Food topics:

Year 7 food students will use the booklet which has been emailed them to use as a resource for their lessons.

- Healthy eating and the Eatwell guide.
- Pasta salad practical cook along. Sensory analysis and pasta salad evaluation task
- Importance of weighing and measuring accurately.
- Sweet scones practical cook along. Seasonality and food provenance.

Recommended resources

<https://www.nhs.uk/live-well/eat-well/the-eatwell-guide/>

<https://www.bbcgoodfood.com/recipes>

<https://www.foodafactoflife.org.uk/>

RM topics: materials (wood and boards), responding to a design brief (Target Market, design specification), sustainability, creativity

- Design Ventura Mini challenge – creativity, responding to a brief, sustainability
- Tea bag challenge
- Research project. Inside the Factory. Toilet paper.
- Smart material activity.
- Furniture designer
- Typography task- create your own font.
- Chingogu design

Textiles topics:

- Exploring Fabrics and Fibres: Understanding fabric construction methods.
- Investigating woven textiles including a practical weaving task.
- The environmental impact of textiles.
- Upcycling practical task: T Shirt to Tote Bag

Recommended resources

- Where do our clothes come from? A video about the story of a cotton T Shirt.
https://www.youtube.com/watch?v=BiSYoeqb_VY&t=4s

Drama

Topics

- Consolidating practical skills learnt so far
- Analysing character, theme and morals in the “Cautionary Tales” by Heinrich Hoffman
- Introducing the theatrical style of The Tiger Lillies

Recommended Resources

- BBC Bitesize: Using your voice
<https://www.bbc.co.uk/bitesize/guides/z3c2yrd/revision/1>
- Information about Henrich Hoffman
<https://europeancollections.wordpress.com/2018/10/12/the-enduring-appeal-of-struwwelpeter/>
- The Tiger Lillies advert for Cravendale Milk
<https://www.thegrocer.co.uk/marketing/cravendale-continues-good-form-with-barry-the-biscuit-boy/356156.article>

English

The Arctic Adventure Non Fiction Reading and Writing Unit

Topics

- Letter Writing
- Reading and extracting information from non-fiction texts
- Blog Writing – using a range of features to make these engaging to read and learning about how to make information accessible for a particular audience
- Review writing
- How to create tension/ creating suspense and drama in non-fiction writing.

Recommended Resources

- [Introduction to writing non-fiction - Writing non-fiction - AQA - GCSE English Language Revision - AQA - BBC Bitesize](#) Useful, general information about writing non-fiction
- <https://www.bbc.co.uk/iplayer/episodes/b00mfl7n/frozen-planet> All episodes of Frozen Planet are available for free on BBC Iplayer and provide useful information about the Arctic and inspiration for students' writing.
- <https://anndaniels.com/expeditions/catlin-artic-survey/> This explains more about The Catlin Arctic Survey, which forms the stimulus for the students' writing on this topic.
- <http://news.bbc.co.uk/1/hi/sci/tech/7962021.stm> News articles specifically about The Catlin Arctic Survey
- <http://news.bbc.co.uk/1/hi/sci/tech/7913443.stm>

French

Topics

This half-term, students will be learning about school, in particular:

- Subjects
- Telling the time and describing their school timetable
- A description of the school
- An understanding of the differences in francophone schools
- Revision of present and future tenses
- Ways to express opinions with reasons.

There will be a short writing assessment at the end of the term covering the key points studied.

Recommended Resources

BBC Bitesize (select French /KS3; lots of games and fun activities to learn)

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

Education.vic.gov (for interactive activities and worksheets to support class learning)

<https://www.education.vic.gov.au/languagesonline/french/french.htm>

Languages online (go to français tab and complete any of the quick links topics including grammar, vocabulary, quizzes, etc)

www.languagesonline.org.uk

duolingo (also an app)

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

Geography

This half term we will be finishing our Changing Populations topic by thinking about sustainable cities, before moving on to our new topic looking at the Landscapes of the UK.

Changing populations

- Sustainability – what is sustainability?

- What are the issues with urban living and how can we live more sustainably?
- Sustainable settlements and their benefits

Landscapes of the UK

- The rock types that make up the UK, how they are formed and where they have come from
- Rock characteristics
- Processes that shape the UK landscape
 - Erosion
 - Weathering

Recommended resources:

- Newsround – it’s really important for students to be finding out about what’s going on around the world: [Home - CBBC Newsround](#)
- BBC Bitesize has additional info about sustainable living [Sustainable cities - Sustainable living - GCSE Geography Revision - BBC Bitesize](#) and about Rock Landscapes: [Rock landscapes - KS3 Geography - BBC Bitesize](#)
- Ecological footprint calculator – how sustainable is your lifestyle: [Ecological Footprint Calculator](#)

German

What?	<ul style="list-style-type: none"> - Talk about things in their room - Revise es gibt + acc - kein in the accusative - Inversion - Say where things are and use prepositions - Prepositions with dative case - Describe what they or someone else is wearing - Use the words for his and her - Say what they wear at different times - Give opinions - Acc case with indefinite article - sein/ihr + endings - wenn, weil, denn - Say what they do in their free time - Use strong and weak verbs - Say how often they do something - Form and respond to questions
Recommend	Quizlet website for all vocabulary: Easy German channel on YouTube; short entertaining videos about aspects of life in Germany languagesonline.org.uk useful practice in “Beginners” section

History

Topics

- Ordinary Life in Medieval England
 - Village Life
 - Town Life
 - Religion
 - Health & Medicine

- Black Death
- Hobbies & Fun

Recommended Resources

- A helpful range of resources can be found on Frog
- BBC Bitesize History KS3

Maths

Topics

- Properties of number
 - Primes, squares and cubes
 - Factors and multiples
 - HCF and LCM
 - Product of primes
- Straight line graphs
 - Plotting linear graphs (table of values)
 - Lines parallel to the axes
 - Equation of a line (spotting patterns in coordinates)
- Sequences
 - Sequences rules (continuing, term-to-term rules)
 - nth term rule
- Averages
 - Mode, median, mean and range
 - Comparing data
 - Averages from a frequency table

Highly Recommended Resources: · Hegarty Maths www.hegartymaths.com

- Students login with their name and DOB
- Videos and interactive quizzes for all topics. · My Maths www.mymaths.co.uk
- School login: wallington, School password: triangle
- Students have individual logins (check with class teacher if unsure)
- Click through lessons and online tasks for all topics.
- 7H and 8H Textbooks available on Frog.

Other recommended resources

- UKMT Junior Maths Challenge www.ukmt.org.uk/competitions/solo/junior-mathematical-challenge/archive
- For extra challenge and problem solving

Music

Topics:

- Dynamics, tempo and articulation
- texture and instrumentation
- Key features, how they are used, Italian terms, symbols, definitions, what do they sound like, how do you hear / recognise them in a piece of music/ score?
- Families of instruments- how are they categorised, what makes them an orchestral instrument, where are they seated in an orchestra?
- Reading an orchestral score
- Relating score to what you can hear
- Combining all the elements to analyse pieces from Tchaikovsky's 'Nutcracker Suite'.

Recommended Resources

*RPO Lockdown Young Person's Guide <https://youtu.be/-hFFlrKZdSY?t=229>

RPO Orchestral Interviews links

[Royal Philharmonic Orchestra - YouTube](#)

[Player Profile - Erik Chapman - YouTube](#)

Interactive Orchestra Link [Instruments of an orchestra \(thinglink.com\)](#)

* London Symphony Orchestra Orchestral Children's Concert Beethoven etc [Space... but not as we know it // London Symphony Orchestra Schools & Family Concert \(ages 7–12\) - YouTube](#)

Young Person's Guide Jenny Agutter narrating at the Proms Part 1, start at 4 mins 27 seconds [Young Person's Guide to Orchestra pt1 - YouTube](#) and part 2 [Young Person's Guide to Orchestra pt2 - YouTube](#)

Young Person's Guide, good quality, no adverts, no narration [Benjamin Britten - Young Person's Guide to the Orchestra - YouTube](#)

<https://youtu.be/TMUwtGuOzFM>

PE and Dance

Topics:

- Weeks 1&2 – Fitness Testing Activities/Inter-house competition (Results submitted to their PE teacher using google form emailed to students)
- Weeks 3-6 – Dance: Exploration of West End musical dance choreography and performance. Students will learn a different dance piece each lesson and must submit video, photographic evidence to their PE teacher

Recommended Resources

- Week 3: Lesson 1 [Lion King Tutorial](#)
- Week 3: Lesson 2 [Hairspray Tutorial](#)
- Week 4: Lesson 3 [Grease Tutorial](#)
- [Week 4: Lesson 4 Greatest Showman Tutorial](#)
- [Week 5: Lesson 5 Aladdin Tutorial](#)
- [Week 5: Lesson 6 Thriller Tutorial](#)
- [Week 6: Lesson 7 High school Musical Tutorial](#)
- [Week 6: Lesson 8 Saturday Night Fever Tutorial](#)

Science

Topics

- L12 Twins
- L13 Types of variation
- L14 MA2 and Review and reflect
- L1 Biology B life on earth- Classification
- L2- Adaptation
- L3- skills assessment woodlice

- Write up time for woodlice skills assessment
- L4 Photosynthesis
- L5 MA 1 skills assessment peer review
- L6- food chains
- L7- more food chains and bioaccumulation
- L8 Pyramids

Recommended Resources

<http://www.s-cool.co.uk/>

<http://www.s-cool.co.uk/gcse/biology>

<http://www.bbc.co.uk/education/subjects/z4882hv>

<http://www.bbc.co.uk/education/subjects/zpm6fg8>

<https://royalsociety.org/journals/>

<http://www.sciencepass.com/2010/04/useful-scientific-terms-and-their.html#.WWNcTYTyu7Q>

<http://www.educationquizzes.com/ks3/science/>

- Biology for You - National Curriculum Edition for GCSE: National for GCSE ISBN-10: 0748762329
- KS3 Biology Study & Question Book – Higher- ISBN-10: 178294110X
- KS3 Biology Workbook - Higher: Life Processes and Living Things Workbook- ISBN-10: 1841466395
- KS3 Science Complete Coursebook (Letts KS3 Revision Success)- ISBN-10: 1844197654
- KS3 Science All-in-One Revision and Practice (Collins KS3 Revision)- ISBN-10: 0007562837

Spanish

This Term, students will be learning about school, in particular:

- Subjects
- Transport
- Telling the time and describing their school timetable
- School meals and food
- A description of the school

They will also revise the present tense and key irregular verbs like *tener* and *ir*, as well as ways to express opinions. There will be a short writing assessment at the end of the term covering the key points studied.

Recommended Resources

BBC Bitesize (select Spanish /KS3; lots of games and fun activities to learn)

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

Seneca (go to access student tab /KS3/Spanish KS3)

<https://senecalearning.com/en-GB/>

Languages online (go to español tab and complete any of the quick links topics including grammar, vocabulary, quizzes, etc)

www.languagesonline.org.uk

duolingo (also an app)

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

Theology and Philosophy

Topics

This term Year 7 will start looking at the Abrahamic Religions: Judaism, Christianity, and Islam. We will start by looking at Judaism and then move onto the other two later in the year. When studying Judaism students will look at:

- An Introduction to the Abrahamic Religions
- The Life of Abraham
- The Covenant between Abraham and God
- The Torah
- Women in Judaism
- Their lessons will also include P4C sessions throughout the topic which will allow students to discuss relevant, and Philosophical, ideas.

Recommend Resources

BBC Bitesize <https://www.bbc.co.uk/bitesize/subjects/zh3rkqt> - a helpful website which provides an overview of the different beliefs and practises of each of the Abrahamic faiths.

A Little History of Philosophy by Nigel Warburton – a book that students will start to read in TP Literacy Lessons. This text gives an overview of Western philosophy and explores the ideas of the major thinkers throughout Western history. This book is available as an ebook and an audiobook as well as paperback.

Philosophy Foundation <https://www.philosophy-foundation.org/enquiries/view/abraham> A website offering stimulus and accompanying philosophical questions similar to the fortnightly P4C lessons students experience in school.

Truetube <https://www.truetube.co.uk/list?topics=central%20beliefs&page=1&> a website with videos on each of the different faiths, including core beliefs and attitudes to things such as marriage and politics. The Alien Abduction videos are particularly helpful for providing an overview on the core beliefs and practises of each of the different religions.