

Year 7

Subject	Course Content	Subject Contact
<p>English</p>	<p>Main Unit: Describing a Place Students can work through the tasks on Go4Schools under the heading Y7 Home Study. These can either be printed off or completed online and emailed to their class teacher.</p> <p>The Y7 exam will be a descriptive writing question: Following the work set on G4S will assist students in preparing for this assessment.</p> <p>Students can also complete a range of SPAG assignments to help them with their descriptive writing on senecalearning.com Please help your child to register. They will need this class code to access the assignments: fkh1fino9x</p>	<p>Curriculum and Progress Leader for Y7: Mrs Crowston ccr@waleshigh.com</p>
<p>Maths</p>	<p>To enable your son/daughter to continue to be supported with their Mathematics at home <u>all students have a class specific letter attached to the homework section of Go4Schools.</u></p> <p>We have signed up all pupils to Dr Frost Maths at www.drfrostmaths.com . Each pupil has an account and has received a link to that account from their classroom teacher. They will be assigned appropriate work on this website by their teacher and have access to numerous resources.</p> <p>We also recommend using the fantastic website www.corbettmaths.com to support home learning. This is a free website which is run by Mathematics teachers and has an incredible amount of support material, teaching videos, worksheets and solutions.</p> <p>Class specific videos are outlined in the letter attached to Go4Schools. Each of the videos is linked to a topic that they have covered at some point since September. Working through the exercises, watching the videos and using the solutions will help your child keep on top of their learning.</p> <p>If internet access is an issue, then please tell your child to see their class teacher for printed work.</p>	<p>Any questions can be directed to: Mr Oldale to@waleshigh.com</p>
<p>Science</p>	<p>Year 7 have just completed work on the Physics scheme of work named Buzz' Journey to Space – energy, forces and the universe. Students will need to use their books to complete the following tasks on each topic. All details are below and will be attached to Go4Schools as a PowerPoint.</p> <p>The contents of this work:</p> <ul style="list-style-type: none"> - Questions - recent topics and Seneca for your KS3 Exam - Competition - Design and build your own Apollo mission – we will enter these into a competition for Mr Di’lasio to judge! <u>‘See The Universe - Task 9’</u> - Experiments - you can do from home <p>Also, Seneca Learning is available (senecalearning.com), an online learning platform of quizzes and revision. Your child can set up an account for free and use this tool on their phones/tablets/laptops to access Y7 physics by ‘Join class’ using</p>	<p>Any questions should be sent to: Miss Taylor bt@waleshigh.com</p>

the code below. An assignment has been assigned to the following class code: **k075unbyb9**

Energy - Watch these videos:

<https://www.youtube.com/watch?v=nbXXFtF8Lzs>

[https://www.youtube.com/watch?v=z -BPpmFet8](https://www.youtube.com/watch?v=z-BPpmFet8)

Task	Description
1	Draw energy transfer diagrams of 5 household items, label fully.
2	Define stored (potential) energy and give examples.
3	Make a table of what you eat in a day, include how many calories each food contains and how many calories you have eaten in total for one day. (May need to look up on internet or on food labels.)
4	Make a table of how many calories different people are <u>recommended to eat</u> each day eg toddlers, teenagers (boys/girls), man/woman, pregnant woman, an older person.
5	Draw diagram(s) of how fossil fuels were made. Label fully.
6	Write a newspaper article on "are fossil fuels contributing to global warming?"
7	Make a board game or card game on energy resources or make a model island with a number of renewable energy resources on it.
8	Watch the <u>bbc</u> website on solar furnaces, http://news.bbc.co.uk/1/hi/sci/tech/6616651.stm
9	Generate a glossary of the keywords from this topic. A glossary is a detailed list of keywords and their meanings or descriptions.

Forces - Watch these videos:

<https://www.youtube.com/watch?v=IJWEtCRWGvI>

<https://www.youtube.com/watch?v=zLpKzPz84Q>

Task	Description
1	List all the forces that you have used in one day and where/ when you used them
2	Create a poster on Friction
3	Explain the difference between Mass and Weight
4	Create a poster showing the difference in Gravity between the Moon and Jupiter. Consider what is the gravity on the moon and Jupiter? what is the effect of the change in gravity?
5	Find out what resultant force is
6	Design a high speed race car- you must include how to limit the air resistance and streamline the car. You must add labels and explanations for your design.
7	What is Upthrust? Where might it be used?
8	Watch this video: https://www.youtube.com/watch?v=4RmMFM7n4Nc Write a paragraph explaining the science behind this experiment

The universe - Watch this video:

<https://www.youtube.com/watch?v=Qd6nLM2QIWw>

Task	Description
1	Write 2 paragraphs describing and explaining the differences between day and night.
2	Research what a Lunar and Solar eclipse is.
3	Produce a leaflet detailing the changes in the seasons and relating it to the tilt or axis of the Earth.
4	Watch the Video on Black Holes and write a paragraph about what you like or dislike Video Link: Sam Neill- Black Holes
5	Find a list of well-known Constellations.
6	Design your own Alien and write all the adaptations as to why it survives on your planet.
7	Compare to planets of your choice in a table. You must compare: <ul style="list-style-type: none"> • Length of a day • Length of a year • Temperature • Atmosphere • Can we survive on it? Why?
8	Create a poster on the order of the planets- find facts about each planets.
9	Research the Apollo 13 mission. Design and build your own Apollo mission – we will enter these into a competition for Mr Di'lasio to judge! It can be presented anyway you like – paper/card/craft materials/a built space craft/electronically. Think about: What was their mission? What went wrong? Why did it go wrong? What did they learn from it? What did they hope to achieve?

	<p>Science practical's at home: Details and instructions on G4S:</p> <ul style="list-style-type: none"> • Chromatography with skittles • Balloon Rockets • Oobleck • Red Cabbage Indicator • Lava Lamp 	
<p>Art</p>	<p>Year 7 students are to complete the challenge of 30 drawings. The guidance sheet with examples can be found on the G4S Homework section.</p> <p>Students can use any material or technique to create the drawings from the list. These drawings can be completed in any order depending on the preference of the student.</p> <p>Be creative in your approach... use materials and techniques easily available at home. Draw with a pen, pencil, crayon, paint, felt tip, etc....</p> <p>In addition the paper you use can be a variety of things- Plain paper, lined paper, newspaper, gift wrap, cardboard, fabric, the list is endless... Use materials available in your home.</p> <p><i>A printed version of the G4S file will be available from the Art Dept if access to G4S is unavailable</i></p>	<p>Your Art Teacher can be contacted should you need any additional guidance:</p> <p>Miss Podmore jpo@waleshigh.com</p> <p>Miss Gladwin gg@waleshigh.com</p> <p>Mr Cook ack@waleshigh.com</p> <p>Mr Swain gg@waleshigh.com</p> <p>Mrs Whitaker zw@waleshigh.com</p>
<p>Computer Studies</p>	<p>Topic: History of Computers</p> <p>Students can access the lessons and resources via the VLE. (VLE – ICT & Computing – KS3 – Year 7)</p> <p>Students can download the presentations, worksheet and word search to complete and then email the completed work to their subject teacher.</p> <p>All details about what to complete can be found in the presentation.</p>	<p>Please send completed work via email to your teacher:</p> <p>Mr Brown pbr@waleshigh.com</p> <p>Mrs Jackson vj@waleshigh.com</p> <p>Mr Howard mho@waleshigh.com</p> <p>Mr Cole tco@waleshigh.com</p> <p>Ms Unwin mu@waleshigh.com</p>
<p>Design & Technology</p>	<p>Year 7 have just completed work from the second Design and Technology rotation. The topics/projects covered throughout the year are: CAD memory stick, snake/trinket box, wind chime, wave, CAD bedroom design/mobile phone holder, torch, bottle opener, lamp/designer box/clock.</p> <p>All details will be attached to Go4Schools and a printed copy will be available if required.</p> <p>The past and present designer project should include:</p> <ul style="list-style-type: none"> • Choose three of the following designers to create a fact file. <i>Harry Beck, Marcel Breuer, Coco Chanel, Norman Foster, Sir Alec Issigonis, Alexander McQueen, William Morris, Mary Quant, Louis Comfort Tiffany, Raymond Tempier, Charles Rennie Mackintosh, Aldo Rossi.</i> • Information should include; images of their work, the history of the designer, their most famous piece of work and your own opinions of the work. You should explain and describe all information. 	<p>Any questions should be sent to:</p> <p>Mrs Swain ds@waleshigh.com</p> <p>Mrs Tidswell ctd@waleshigh.com</p> <p>Mr Sharkey rsh@waleshigh.com</p> <p>Miss Martin ama@waleshigh.com</p> <p>Mrs Hayhurst thy@waleshigh.com</p>

	<ul style="list-style-type: none"> • Redesign a piece of furniture in your home in the style of your chosen designer. Annotate your design using ACCESSFM (Aesthetics, Cost, Customer, Environment, Size, Safety, Function, Materials) • Extension: Create an isometric drawing of your design. Draw an orthographic drawing of your design. <p>Above all, this project should be independent and give your son/ daughter a degree of flexibility to present their work; on a computer (Word or PowerPoint), paper project, presented in a folder etc.</p> <p>Students would also benefit from logging on and creating an account on https://www.tinkercad.com/ Use the tutorials available and they could create their furniture design on here too!</p>	
<p>Geography</p>	<p>Year 7 students will sit an annual exam in the Spring term, they will be assessed on the topics that have been taught in their Geography lessons. The topics are map skills, Antarctica, earthquakes and Kenya. A revision booklet is available on Go4Schools which includes all the information they need to complete the activities. There is also a map skills revision resource available on G4S.</p> <p>What is Geography and Map Skills <i>Command word: Describe</i></p> <ul style="list-style-type: none"> • Introduction to geography • Describing and explaining places • Using compasses • Map symbols • 4/6 figure grid references <p>Antarctica <i>Command word: Justify/Give reason</i></p> <ul style="list-style-type: none"> • Introduction to Antarctica • Location and mapping Antarctica • Living in Antarctica • Race to the South Pole • Animal Adaptations • Antarctic Treaty • Threats • Ozone Layer • Whaling and Fishing • Future of Antarctica <p>Earthquakes <i>Command word: Compare</i></p> <ul style="list-style-type: none"> • Introduction to plate tectonics • Structure of the earth • Causes of earthquakes • Measuring earthquakes • Case study: HIC • Case study: LIC 	<p>Any questions should be sent to: Miss Quigley rq@waleshigh.com or Mr Lawrance dlw@waleshigh.com</p>

	<ul style="list-style-type: none"> • Comparing two earthquakes • Three Ps of Earthquake Response • Earthquake proof buildings • Tsunamis <p>Kenya <i>Command word: Outline</i></p> <ul style="list-style-type: none"> • Introduction to Kenya • Population distribution • Physical and human features • Nairobi • Rural areas • Tourism • Squatter settlements • Maasai Mara 	
<p>History</p>	<p>Year 7 have just completed work on the Gunpowder Plot and the English Civil War.</p> <p>Students will need to use their books to complete a project on the English Civil War. All details will be attached to Go4Schools and a printed copy will be issued to every child.</p> <p>The project should include;</p> <ul style="list-style-type: none"> • Reasons why the Civil war broke out • Background and a profile on King Charles I • Who fought on both sides (Royalists and Parliamentarians) • Key Battles • Background and profile on Oliver Cromwell • Explain why Parliament won • Execution of King Charles I • Consequences of the Civil War <p>To complete this task your child should use;</p> <ul style="list-style-type: none"> • Their class book • Internet research <p>The project should include</p> <ul style="list-style-type: none"> • Front cover • Contents page • Pictures • At least 10 pages of historical detail <p>Above all, this project should be independent and give your son/ daughter a degree of flexibility to present their work; on a computer (Word or PowerPoint), paper project, presented in a folder etc.</p>	<p>Any questions should be sent to: Mr Oxby fo@waleshigh.com</p>
<p>MFL</p> <p>French & Spanish</p>	<p>Y7 have just completed the topic of ‘school’ where they have been learning how to talk about school subjects, the school building, describing their school and break time activities.</p> <p>Y7 are scheduled to complete a writing test as part of their core exams after Easter. Students should take this time to revise the above topic in preparation for this.</p>	<p>Any guidance or questions, please contact your child’s class teacher: Miss King lk@waleshigh.com Mrs Bass lba@waleshigh.com Miss Lee cl@waleshigh.com Miss Thorncroft atc@waleshigh.com Mrs O’Leary col@waleshigh.com Mr Cummings ac@waleshigh.com Mr Atkins aat@waleshigh.com</p>

	<p>We will upload resources to Go4Schools, including translation practice, writing tasks and reading activities. Your child may also take advantage of the below websites to support their learning.</p> <p>Useful websites to practise topical vocabulary: French: https://quizlet.com/gb/260370625/school-flash-cards/ https://www.languagesonline.org.uk/Hotpotatoes/frenchindex.html https://www.bbc.co.uk/bitesize/subjects/zgdqxn Spanish: https://quizlet.com/gb/367257638/school-flash-cards/ https://www.languagesonline.org.uk/Hotpotatoes/spanishindex.html https://www.bbc.co.uk/bitesize/subjects/zfckjxs</p>	
<p>Music</p>	<p>Revision of Musical elements 1(On Go4Schools) Create a poster for Y6 pupils with a definition/explanation of the key musical elements. You should include dynamics, tempo, pitch, texture, instrumentation etc. If you have not got a computer you can use pen and paper. Make it colourful. You are to present your posters on your return.</p> <p>Early Music Project Create a web page to advertise and sell Early Musical instruments. (On Go4Schools)</p> <p>As well as using powerpoint info research instruments using your phone or internet. You will need a description and image of the instruments. A realistic price after some research and contact details (e.g. web page www.earlymusicalinstruments.com).</p> <p>You must have at least 5 instruments (e.g. tabor, shawm, hurdy gurdy, recorder, lute, psaltery etc.) It would be fantastic if you could have footage of someone playing the instrument. Print off your webpage.</p> <p>For pupils who do not have the internet choose your favourite song and write about the following: tempo, mood, dynamics, instrumentation, pitch and texture.</p> <p>The work can either be on paper or computer generated.</p>	<p>Any questions should be sent to: ecu@waleshigh.com aw@waleshigh.com say@waleshigh.com</p>
<p>Physical Education Core</p>	<p>As you will be aware many National Governing Bodies have cancelled all professional and grassroots activity for their respective sports, this for many sports, includes training specifically for that sport.</p> <p>However, the government guidelines are still encouraging people of all ages to exercise during the COVID-19 outbreak, at a distance from others.</p>	<p>Any questions should be sent to: Mr Riches dr@waleshigh.com</p> <p>Follow @WalesHighPE on Twitter for all our regular updates</p>

	<p>With this in mind, the PE department will be setting regular and daily challenges on our Twitter feed for students and families to try out. These will include household activities, which can help you keep up your exercise.</p> <p>Alternatively, the PE homework grid challenge is also accessible on G4S for all KS3 students. Have a go at completing these challenges. The best entries will be displayed around the PE department upon return to school.</p>	
PSHE	<p>Y7 need to cover some statutory PSHE content and cover a different unit each term.</p> <p>Students need to complete the home learning booklet found on Go4Schools in their homework. They can complete this either in their red PSHE books, on paper or print off the booklets and write directly onto them.</p> <p>These tasks have been designed with a focus on well-being.</p>	<p>Any questions should be sent to: Mrs Birch jbh@waleshigh.com</p>
Religious Education	<p>Year 7 will have recently completed or will be completing work on The Church. They are to create a project based on the Church as a building and also its uses.</p> <p>The project should include;</p> <ul style="list-style-type: none"> • The features of the church- outside the building. • The features of the church- inside the building. • Activities undertaken in a church. <p>To complete this task your child should use;</p> <ul style="list-style-type: none"> • Their class book • Internet research <p>The project should include</p> <ul style="list-style-type: none"> • Front cover • Contents page • Pictures • At least 10 pages of detail <p>Above all this project should be independent and give your son/daughter a degree of flexibility to present their work; on a computer (Word or PowerPoint), paper project, presented in a folder etc.</p>	<p>Mrs Brown sb@waleshigh.com Mrs Hartley mh@waleshigh.com Mrs Hoden lh@waleshigh.com Mr Owen no@waleshigh.com Mrs Roberts-Commons src@waleshigh.com</p>
World Studies	<p>Welcome to space! We are going to investigate the journey of the British astronaut Tim Peake.</p> <p>Please work through each lesson, some will take longer than 1hr. Just like in class, do as much as you can, have a break and then continue at another time. There are a mix of activities to keep you busy.</p> <p>Remember we are working on our literacy throughout this unit.</p>	<p>Contact your teacher with any queries: Miss Race rr@waleshigh.com Mrs Hartley mh@waleshigh.com Mrs Taylor dty@waleshigh.com Mrs Leivars ll@waleshigh.com Miss Nichols en@waleshigh.com</p> <p>Any problems contact Mrs Leivars ll@waleshigh.com</p>

There are 6 lessons, each lesson has worksheets to help or to use. (e.g. PowerPoint L1 goes with all worksheets labelled L1)

Your staff are available through email if you need them. If you want to send completed work via email you can or you can save it in one big folder to show your teacher your project when you return.

You may want to take some photos of your work and email them to your teacher – we would love to see them!

Happy space adventures from your Year 7 World Studies team.

First News newspapers are online!

Our usual newspaper, **First News**, will be available for you to download and keep up to date with what's happening – plus your favourite puzzles.

To download the weekly issue every week go to <https://subscribe.firstnews.co.uk/free-downloadable-issue/>

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World Book Online have made their fabulous collection of over 3,000 ebooks and audiobooks available for free for students to access at home. They have books suitable for all ages. Click on the following link to access them.

<https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDExMzA2Mjplcw==>