**Year 7 Independent General Work Overview**

**2nd June 2020**

**Please check the subject tab and Google Classrooms to see regular updates**

**Maths**

2D and 3D shapes Week 1 of 2

Please use MathsWatch to find the following clips, watch them, and complete the interactive questions on them.  To search for videos log on to MathsWatch, on the top of the webpage find 'Videos' and click on it. Select 'KS3' in the qualifications box and then select one of the clips listed below to complete.  All work completed will be sent automatically to us. Once completed, please press 'Hand in' on Google Classroom and I will check MathsWatch and assign you your mark.

Clip G1 Basic Geometric Definitions

Clip G2 Properties of Circles

Clip G11 Polygons

Clip G12a 3D Shapes - Properties

Clip G12b 3D Shapes – Models

2D and 3D shapes Week 2 of 2

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Clip G12c 3D Shapes – Nets

Clip G14 Properties of Quadrilaterals

Clip G16 Properties of Special Triangles

Clip G31 Congruent Triangles

**MathsWatch**: <https://vle.mathswatch.co.uk/vle/>

**Log in** – firstnamesurname@rhiwabon **Password** – ILOVEMATHS

<https://www.mathsdiy.com/gcse-maths-resources/> <http://www.jonesthesum.co.uk/html/gcse_past_papers.html> <https://www.mathemateg.com/>

<http://maths.cymru/> <https://resources.hwb.wales.gov.uk/VTC/2017/CiparFathemateg/index.html>

<https://whiterosemaths.com/>

<https://www.twinkl.co.uk/>

**Art**

Still Life **-** The project should take students 4 hours over the next two weeks. <http://www.celfadylunio.cymru/home/>

1. Learners need to produce a still life composition, on an A4 piece of paper using a pencil, rubber and a ruler. Learners need to ensure that they fill the page and carefully think about the placement of objects for their still life. Choose a selection of objects for example: Fruit, kitchen items, flowers, ornaments to name but a few. Pick six objects that will then be put into a balanced composition together. Take a look at the link provided for support and information regarding composition and proportion.

2. 1 hour- Carefully draw lightly using your pencil each of the objects within your composition.

3. Take a photograph of the objects in that position.

4. 3 hours- Then start to work carefully working into your sketch using a variety of mark making techniques. Make use of the tonal scale to add depth to your drawing, remember the 3-step rule to drawing (study, draw lightly and add tone for realism).

**Design and Technology**

Go onto Google Classroom and complete the 2 electronic quizzes that have been assigned on:

1) Types plastics

2) Plastic processes.

Follow the instructions carefully and watch the specific YouTube clips.

**Music**

Classical Music – work set on Google Classroom

**Welsh**

All tasks are on Google Classroom

1. Oracy Task - students need to record themselves reading the presentation that they were asked to write as the first task that was set. ( This is outlined on the website and Google Classroom if this has not been written yet)
2. Quiz - revising basic opinion phrases
3. Research the Welsh language in Patagonia present your findings using a PowerPoint presentation, poster or information leaflet.
4. Download the App **'Say Something in Welsh'**to practise your Welsh skills.

**Geography**

[https://www.youtube.com/watch?v=YrT5jcnu8NA&t=776s](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3DYrT5jcnu8NA%26t%3D776s&data=02%7C01%7CHeadteacher%40rhiwabon-high.wrexham.sch.uk%7C66e957b6aaa846365b4c08d8062effa3%7C4f3f0e52b734416494091b601d147993%7C0%7C0%7C637266146208429375&sdata=0V%2FG81LjK2tiA1WsPPrqFlCrc1Iwnf%2F5R%2FVAV8ZHrg8%3D&reserved=0)

Instructions:

1. Watch the video
2. Create a 'fact file' for each Continent
3. Sketch a map of the world. Label all 7 Continents

**History**

1. Please complete the survey on google classrooms by Wednesday
2. Voyages in History

Over this half term we will be completing a mini-project about different explorers in History. The first one is on Scott of the Antarctic. There is a PowerPoint attached with different information and links to YouTube videos. You need to use the information in both the videos and the PowerPoint to complete a leaflet/PowerPoint on Scott of the Antarctic. You can research him more to get additional information. Do not copy and paste the information over as this is plagiarism. You need to write it in your own words.

**Science - All Year 7 groups**

1. Practical skills task to design an investigation to prove or disprove a hypothesis. Support sheets provided as well as instructions as to how students can trial their methods at home safely. Set through Google Classrooms.

**English**

Work set on Google Classrooms – Topic Newspapers

Students can use Accelerated Reader from home.

**ICT**

Work set on Google Classrooms.

**RS**

Works set on Google Classrooms.