**Year 8 Independent Work Overview**

**1st June 2020**

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

**Maths**

**Conversions and compound measures Week 1 of 1**

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 N1c Place Value – Measures

Clip N7a Units – Length

**Averages Week 1 of 1**

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 S6 Median, Mode and Range

Clip S7 The Mean Average

Clip S10a Averages from Tables – Mode, Median and Range

Clip S10b Averages from Tables – Estimate for the Mean

Clip N8 Reading Scales

Clip R2 Unit Conversions

Clip R11a Compound Measures – Speed

Clip R11b Compound Measures – Density

**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/>

**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.

**Art**

Research the work of Megan Coyle, an Artist and illustrator. Her work is predominantly collage based, using strips of magazines and glue on card. I want you to study her animal collage work. You are going to produce a Collage of your family pet. If you don’t have a pet you can use an image from the internet of a domestic animal. Print out a copy of the photograph because you will be drawing a grid over it, so don’t use an original Photograph.

1. 1 hour- For the first task you will need a piece of A4 Card, pencil, ruler and a photograph of your family pet. You will need to position your A4 card either landscape or portrait depending on the photograph chosen. Carefully draw out a grid over the photograph and onto the blank card. Please see the support sheet to support drawing the grid.

2. 1 hour- Refer to the support sheet. Carefully draw out your family pet, following the instructions provided on the support sheet.

3. You will need some old magazines, rip different sized strips from the magazines and collate different colours to use on your pet drawing. You will also need prit stick or PVA glue. Take a good look at the artist Megan Coyle’s animal collage work to remind you how to create an effective piece using the magazine strips. Start to produce your mixed media piece. The task should take you 3-4 hours to complete.

**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=aU5imsuYrHo](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3DaU5imsuYrHo&data=02%7C01%7CHeadteacher%40rhiwabon-high.wrexham.sch.uk%7Cd64d9bbe5634442e09c308d806305337%7C4f3f0e52b734416494091b601d147993%7C0%7C0%7C637266151915651957&sdata=haqZaFaEgAAuJt9ulF7XfvRo3ty0ITbgIBvTadJOalQ%3D&reserved=0)

Instructions:

Watch the video to identify the countries the flags belong to. Look up any you don't know.

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| https://www.bing.com/th?id=OVP.NERcF7X3sjyCC_nUoPWwJgEsDh&pid=Api | [Guess the Flag #1 - Easy!](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.youtube.com%2Fwatch%3Fv%3DaU5imsuYrHo&data=02%7C01%7CHeadteacher%40rhiwabon-high.wrexham.sch.uk%7Cd64d9bbe5634442e09c308d806305337%7C4f3f0e52b734416494091b601d147993%7C0%7C0%7C637266151915661949&sdata=YxghZWiZKCow3Wb5Bd0MQXFV7XJAuf5hJEdyzRrzF4g%3D&reserved=0)New game! Guess the national flags from a random selection of 50 countries. 1 point for each correct before the time is up. Comment your score below! Follow me! // 🐤📸👻🎵 @itsNNAU Twitter: https://twitter.com/itsNNAU/ Instagram: https://www.instagram.com/itsnnau/ Snapchat: https://www.snapchat.com/add/itsnnau/ TikTok: https://www ...www.youtube.com |

**Science**

**All Year 8 groups**

Through the research of hover crafts, students have been asked to create a fact sheet about forces as well as having a go at building their own hover craft at home and competing with family members in a hover craft race. Set through Google Classrooms.

**Design and Technology**

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

1) Types plastics and 2) Plastic processes. Follow the instructions carefully and watch the specific YouTube clips.

**Music**

Heroes and Villains – Work set on Google Classrooms

**English**

Work set on Google Classrooms – ‘Macbeth’

**ICT**

Work set on Google Classrooms.

**RS**

Works set on Google Classrooms.