**Maths**

Access the following link - <https://whiterosemaths.com/homelearning/year-6/>

On this website there will be daily lessons and resources. Every lesson comes with a short learning video, showing you clearly and simply how to help your child to complete the activity successfully.

**Maths Objectives: To calculate angles.**

This week’s lessons are:

* Lesson 1 - Angles in Special Quadrilaterals
* Lesson 2 – Angles in Regular Polygons
* Lesson 3 – Problem Solving
* Lesson 4 – Problem Solving
* Maths Challenge

**Mental Objectives: Arithmetic (For answers, see ‘Arithmetic Answers’)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lesson 1** | **Lesson 2** | **Lesson 3** | **Lesson 4** | **Lesson 5** |
| 4.5 + 17.8 =6 x 5 x 9 =13 – 6.84 =$\frac{3}{7}$ x $\frac{2}{9}$ =5642 x 14 =20% of 45 =978 + \_\_ = 107834 x 23 =3% of 67 =$\frac{8}{9}$ ÷ 3 =  | 4532 + 2348 =6000 – 3452 =4.56 x 7 =$\frac{5}{6}$ of 42 =7.78 + 14.3 =4 + 9 x 7 =30% x 34 =676 ÷ 13 = 258 ÷ 8 =2$\frac{1}{2}$ x 12 = | (4 x 7) + 19 =8.003 – 2.78 =6 x 4 x 9 =$\frac{2}{4}$ + $\frac{3}{5}$ =$6^{2}$ = 65% of 24 =40 – 28 $÷ 4$ =0 x 46 =$7^{3}$ =$\frac{6}{7}$ x $\frac{4}{9}$ = | 342 + \_\_ = 673$7^{2}$ + 67 =348 ÷ 6 =$\frac{1}{2}$ x $\frac{1}{2}$ = 6.87 x 10 =874.62 ÷ 100 =8% x 99 =13 ÷ 1 =40 x 600 =$\frac{6}{8}$ - $\frac{2}{6}$ =  | 56.1 – 19.7 =5634 + 878 =564 x 87 =$\frac{7}{11}$ ÷ 5 =4900 ÷ 70 =95% of 468 =5.6 – 0.07 =$4^{2} $=816 ÷17 =13$\frac{1}{4}$ x 8 = |

**Useful Maths Websites:**

<https://ttrockstars.com/>

<https://www.bbc.co.uk/bitesize/subjects/z826n39>

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

**English**

**Outcome:  To write a potion in the style of Shakespeare.**

**Sequence of activities:**

1. **Read the extract and learn part to perform –**encourage your child toread through the extract from Macbeth (a play by Shakespeare). Imagine that you are a witch who is throwing multiple disgusting ingredients into a cauldron. Perhaps you may be able to encourage two family members to act this out with you. **Resource 1**
2. **Imperative verbs -**use the provided SPaG resources to recap imperative verbs. Then chose 1,2 or all three of the imperative verb worksheets to work through. Ask your child to list five that they will then use in their independent writing. **Resource 2 and 3**
3. **Archaic Language –**use the resource to learn about some vocabulary which was commonly used in the past but is rarely used now. Ask your child to list three archaic words that they will then use in their independent writing.
4. **Rhyming couplets –**Look at posters on rhyming pairs and rhyming couplets. Ask your child to write either 10 rhyming pairs *(e.g. would/ could)*or 3 rhyming couplets. **Resources 4 and 5.**
5. **Plan your potion -**use pages 1 and 3 of resource 7 to begin planning your rhyming potion. You may also want to use the support cards and checklist to make sure that you have included everything you need in your plan. **Resources 6, 7 and 8.**
6. **Write a potion** – read back through the potion from ‘Macbeth’. Now using your planning sheet write a potion including the following:
*- imperative verbs*
*- disgusting nouns/ ingredients*
*- archaic language*
7. **-** *rhyming couplets*
8. **Edit and improve –**Read back through your potion. Are there any improvements to be made? Could you exchange any of your verbs or nouns for a more disgusting alternative? Does it rhyme? Is it structured as it should be? Have you used the checklist to ensure that you have included everything necessary? **Resource 8**
9. **Perform –**Memorise your potion and perform to a family member at home**.**

Once your child has completed their independent piece of writing, please photograph it and email it to the Year 6 email address in order for your child’s teacher to give them feedback. Alternatively (or in addition), you could send in a video of your child performing their potion.

 If you require any further support or guidance, please get in touch via email – we are happy to help in any way possible!

 **Reading Comprehension**

This week’s reading comprehension is

**William Shakespeare** (pages 11 – 15)

Remember to apply the skills we have learnt in class such as skimming, scanning and retrieval.

To access **Accelerated Reader** at home, please use follow the link: <https://ukhosted81.renlearn.co.uk/2241646/> *or alternatively (if you have no access to physical books), use the link for* ***Epic****, so that quizzes and reading can be completed online:* [*https://www.getepic.com*](https://www.getepic.com)

*Please ensure your child reads for at least 20 minutes a day.*

Also, please access **Spelling Shed** daily to help support you making progress in your spelling ability. A new ‘Assignment’ has been set for the week: Short Vowel Sound ‘I’ spelled ‘y.



**Science**

**WALT: explain how electricity and electrical inventions have changed our lives**.

Use **‘Resource 1’** to research Thomas Edison. Then use **‘Resource 2’** (worksheet) to record his background, his inventions and how these inventions have changed how we live today.

Challenge:

Spend time finding electrical items around your home and reflect on what life would be like without these.

**RE**

**WALT: to explore what Sikh’s believe**

Use ‘**Resources 1 and 2’** to research what Sikhs believe.

Record your findings on **‘Resource 3’.**

Challenge:

Are there any similarities and differences between what Catholics believe and what Sikhs believe?

**Music/Art**

**WALT: draw a cauldron**

Watch the video via the link below for ‘How to draw a cauldron’ up to 2 minutes and 27 seconds. Follow the instructions and draw your own.

<https://www.youtube.com/watch?v=0GN6c52iOQE>

**History with ICT**

 **WALT: create a fact file for William Shakespeare**

Log into ‘Purple Mash’ and click on ‘Shakespeare Fact Profile’. Read the information about William Shakespeare (don’t forget to click on ‘More information’) and then complete the fact profile online.

Challenge:

Can you list 5 pieces of literature written by Shakespeare?

**PE**

Joe Wicks – The Body Coach

9am every weekday morning

<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ>

We would love to see photos of you doing this.

You can put them on twitter with #SJVPE or email them to us.