

James Elliman Academy

Weekly Activities

Year 5

Week beginning: 27-04-20

Learning Time

Reading

Text: An Astronaut's Guide to Life on Earth

Go to comprehension book **page 4**.

Activity 1: Read the text.

Activity 2:

a. Identify any words and phrases you do not understand- circle/underline.

b. Write the definition of the following words on the text (use a dictionary or the internet, or your knowledge of words).

prospect surreal intensifies jostle condemned bulky technicians

Activity 3: Answer comprehension questions on **page 5**.

Activity 4: Check your answers.

Activity 5: Chris Hadfield began working towards his goal of becoming an astronaut at a young age. Think of something you would like to achieve as an adult. Write a short letter to your future self, describing what you hope to be doing and how you will achieve this ambition.

Grammar

Linking Ideas in a Paragraph. Grammar book p.26-27

Activity 1- To understand how to link ideas in a paragraph. Read the yellow box at the top of page 26 in the book and understand the information. Use an adult to help you understand this information before you start any of the activities.

Activity 2

Complete question 1. Circle all the Adverbial phrases.

Activity 3

Complete question 2. Underline the adverbial phase in each pair of sentences.

Activity 4 – Page 27

Complete question 3. Use the timetable for an activity day to put the missing words in the box into the paragraph.

Activity 5

Complete question 4. Rewrite each pair of sentence, adding the adverbial phrase in the box.

Writing

Using your blue writing books

Activity 1

Use the internet and your knowledge to make a list of adverbial phrases.

E.g. last night, without a sound, near the phone box, instantly, every morning.

Activity 2

Write a story about an event that happened when bears kidnapped you – your readers will want to know all the strange details of your tale! Build on your learning about paragraphs. Use an adverbial phrase to link each new paragraph to the last. Try hard to add the extra detail that will make it a paragraph rather than a sentence.

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	<p><u>Success criteria</u></p> <ol style="list-style-type: none"> 1. Imagine one peculiar day bears kidnapped you. <i>Where did they take you? Could they speak? What did you do? How did it feel?</i> 2. Write a recount of what happened. 3. Use a range of adverbial phrases to link paragraphs. 4. Use the past tense because it has already happened and first person. 5. Using descriptive words will make it seem like your reader is there with you. <p>Activity 3 To edit your writing (use sc) and write up your final draft neatly using joined up writing.</p> <p>https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zp937p3 - Fronted adverbials https://www.bbc.co.uk/bitesize/topics/z2yycdm/articles/zgfhcj6 - Writing a recount</p>
Maths	<p>Activity 1 – For further help look at the Targeted study snapshot from page 22 below for guidance</p>

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Short Division

This method is good for dividing by a **one-digit number**.

- 1) **Partition** the big number into thousands, hundreds, tens and ones. Divide each of these numbers, starting with the **highest** place value. (It's different from adding, subtracting and multiplying.)
- 2) Put the **result** of each division **on top** in the correct place value column.
- 3) Sometimes you need to **exchange**. This example shows you how.

EXAMPLE: What is $1664 \div 8$?

$8 \overline{) 1664}$ → $8 \overline{) 1'664}$ → $8 \overline{) 166'4}$ → $8 \overline{) 1664}$

$1664 = 1000 + 664$
1 thousand doesn't divide by 8 to give any thousands, so exchange the 1 thousand for 10 hundreds.

You've got 16 in the hundreds place.
 $1600 \div 8 = 200$
So put 2 on top in the hundreds place.

$64 = 60 + 4$
6 tens don't divide by 8 to give any tens. Put a 0 on top in the tens place. Exchange the 6 tens for 60 ones.

You've now got 64 ones.
 $64 \div 8 = 8$
So put 8 on top in the ones place.

So the answer is **208**.

Now: Work on **CGP Targeted Maths page 25 Written Division**

Activity 2

In the coming weeks starting from activity 2 to 5 each week, we will be using the White Rose home learning packs downloadable from

<https://whiterosemaths.com/homelearning/year-5/>

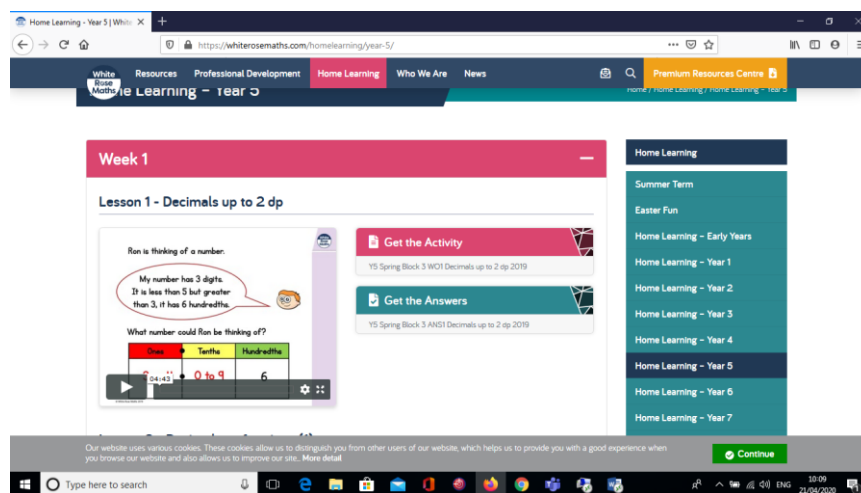
See further clarification on screenshot below:

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Click on week 1 tab as below



You can then download your first lesson activity.

Work on Week 1 Lesson 1 - Decimals up to 2 dp

Activity 3

<https://whiterosemaths.com/homelearning/year-5/>

Week 1 Lesson 2 Decimals as fractions

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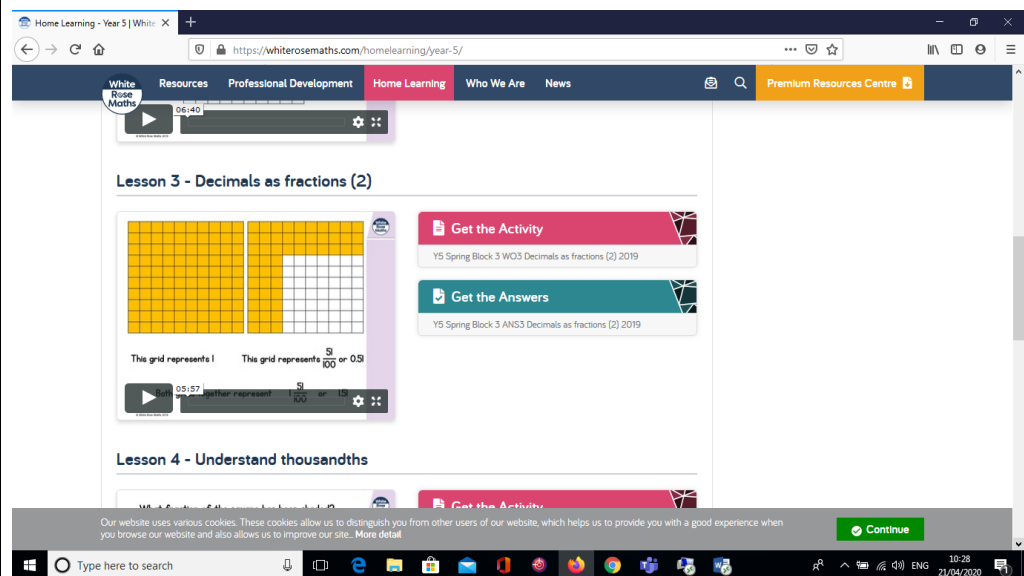
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Activity 4

<https://whiterosemaths.com/homelearning/year-5/>

Week 1 Lesson 3 - Decimals as fractions (2)



Activity 5

<https://whiterosemaths.com/homelearning/year-5/>

Week 1 Lesson 4 - Understand thousandths

Week 1 Lesson 5- Thousandths as decimals

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The screenshot shows a web browser displaying the White Rose Maths website. The page is titled 'Lesson 4 - Understand thousandths' and 'Lesson 5 - Thousandths as decimals'. Lesson 4 includes a video player with a question 'What fraction of the square has been shaded?' and a 100x100 grid. Lesson 5 includes a diagram showing the relationship between Ones, Tenths, Hundredths, and Thousandths. Both lessons have 'Get the Activity' and 'Get the Answers' buttons. The website's navigation bar includes 'Resources', 'Professional Development', 'Home Learning', 'Who We Are', and 'News'. The bottom of the browser shows the Windows taskbar with the search bar and various application icons.

Creative Time

Science: Separation by filtration

Activity 1- Students should ask an adult family member to help them with this first activity. Before you start, discuss with the adult what you think filtering might mean. In what situations would you use filtering? With an adults help, you will be making a cup of tea using tea bags. Discuss what you see happening to the tea bag and the water when tea is made. The tea bag is water permeable. This means that tea is able to infuse into the surrounding water without any loose tealeaves escaping. The strainer does a similar job, allowing the tea-infused water to fill the mug, and collecting the tealeaves in order to prevent them from contaminating the water.

Activity 2- Looking at the picture below, discuss with your adult helper what the tea bag may have in common with the objects.

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Filters



Please watch the video in this link <https://www.bbc.co.uk/bitesize/clips/z7mcd2p>

After watching the video, discuss the importance of filtration and find some examples of these around your house (you can use the pictures above to help you).

Activity 3- using an A4 piece of paper, your task is to plan an experiment (using instructions) that can be used to find out which type of paper makes the best filter. Imagine you have to set up a fair test to compare four different types of filter paper. Consider all the possible variables such as the volume of water (how much water is used/left over), and the amount of solid used/left over. Please note that in order to keep the experiment fair, the size of the filter should stay the same throughout the investigation.

Further research- This link has lots of extra information regarding filtration and separating solids from liquids:
<https://www.bbc.co.uk/bitesize/guides/zgvc4wx/revision/1>