

WEEK 2 YEAR 5

Project:

Scientists use chemical reactions to make useful new materials

Can you create a fact file about a scientist and the new material that they made.

You should research the scientist and their life, such as:

- When they lived
- Where they lived
- Jobs they had
- What they made, how they did it.
- What is their material used for?
- How did our world benefit from this new material?

You could display your information in a poster or booklet.

You should include pictures and diagrams to help the reader to understand and add interest.

Some scientists you could choose:

- Ruth Benerito- wrinkle free cotton
- Spencer Silver- invented the glue for sticky notes
- Leo Baekeland- invented the plastic called Bakelite
- Harry Brearly- invented stainless steel

John McAdam- invented tarmac.

	Maths	English	Reading
Monday	Compare and Order Fractions (Less than 1) Work through as many questions as you can. There are 3 levels - the first sheet of each level requires you to use the more than > and less than < or equals = symbol to answer the question.	https://www.literacyshed.com/takingflight.html Watch the video a few times, making notes about what happens and what order things happen in.	Have a think about your favourite author. Which text is your favourite? Have a go at writing your own comprehension questions based that text. Pick a chapter and make your own reading comprehension questions for another person to answer. Challenge 1: Challenge 2: 3 retrieve 3 retrieve 2 inference 3 inference 1 vocabulary 2 vocabulary 1 evaluate 1 predict Challenge 3: 4 retrieve 4 inference 2 vocabulary 2 predict 1 explain 1 summarise

Tuesday	<p>Compare and Order Fractions (More than 1)</p> <p>There are three levels of questions.</p> <p>Work through as many as you can, making sure you check your work.</p> <p>Can you explain to an adult at home how you completed each question?</p>	<p>https://www.literacyshed.com/takingflight.html</p> <p>Create a comic strip about the story with images and writing.</p>	<p>Have a go at answering the questions that you created yesterday.</p> <p>Make sure that you write your answers in full sentences, use capital letters in the correct place and use the inference grid to help you answer any inference questions.</p> <p>Remember, if you are answering an inference question then you should be using at least 1 quote to support your answer.</p>
Wednesday	<p>Add Fractions within 1</p> <p>There are three levels of difficulty. Work through as many questions as possible.</p> <p>Choose a Dive Deeper for one of the questions, for example</p> <ul style="list-style-type: none"> • Make a mistake • Tell a Story • Draw a Picture <p>Explain to an adult at home how we use Dive Deeper at school in Maths.</p>	<p>https://www.literacyshed.com/takingflight.html</p> <p>Write your own adventure story based on the grandfather and grandson. Where will they go? What sort of adventure will it be? Who will they meet?</p>	<p>Be an illustrator for the day! Create a character portrait for your favourite character in your favourite book.</p> <p>Find quotes that explain what your character looks like, write them around the outside of the portrait that you have drawn.</p> <p>Remember, you can only include details that the author has included.</p> <p>EXT: can you make 3 inferences on what type of personality you think they have.</p>

Thursday	<p>Add 3 or More Fractions</p> <p>There are three levels of difficulty.</p> <p>Work through as many questions as you can.</p> <p>If the question requires you to colour in and you are not able to print the worksheet, draw the diagram on a piece of paper and then colour in.</p>	Revise the year 5 and 6 spelling words.	<p>Where has your favourite character gone in your book?</p> <p>Have they travelled to a new place?</p> <p>Make a travel brochure for the place that your character has visited.</p> <p>Make sure you use language from the text to describe the place and images.</p>
Friday	<p>Design a board game which involves</p> <ul style="list-style-type: none"> • Finding equivalent fractions • Ordering fractions • Adding fractions <p>Play the game with friends or family to see what they think of your super design skills and incredible fraction knowledge!</p>	Revise the year 5 and 6 spelling words.	Write a review letter to the author of your book – you could say what you like or dislike about the book, or give ideas for what else you would like included in the book.