

Work from Home – WB 18-5-20 – Year 4

We hope you are all okay and keeping safe. We have provided some work for you to complete this week. Remember that it is completely optional and up to you on how and when you want to complete this work.

Day	Activity
Friday	
Phonics / Reading	<p>Read page 113 and answer the following questions</p> <p>What object did Willy Wonka take out of his pocket? Who would give their front teeth to be able to go into the inventing room? Why was the inventing room the most important room in the factory? What was written on the door?</p> <p>Why do you think the other chocolate makers were desperate to go into Willy Wonka's Inventing room?</p>
Literacy	<p>Draw and label a picture of 'The inventing room' Use page 115 to help you.</p> <p>Read the text on page 114. Identify the ambitious adjectives used to describe the room and label your picture. E.g.</p> <ul style="list-style-type: none"> • Black metal pots boiling and bubbling. • Kettles hissing. • Pans sizzling.
Maths	<p>Refer to the Maths Word Problem resource. Complete 'Problem 1'</p> <p>Tip: Add two-digit numbers.</p>
Topic	<p>This week, we would like you to revisit states of matter. You can work through the PowerPoint provided or watch a short clip by clicking on the following link https://www.bbc.com/bitesize/articles/zsgwvxwxs</p> <p>How many examples of liquids, solids and gases can you find around your house?</p>

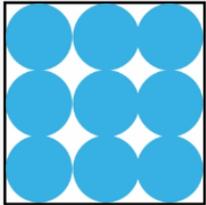
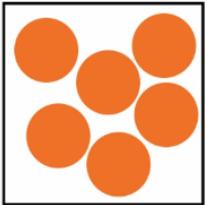
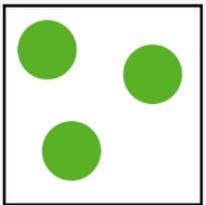
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Day	Activity						
Monday							
Phonics / Reading	<p>Read pages 114–116 and answer the following questions</p> <p>Who became more excited when entering 'The Inventing Room'?</p> <p>Why did Willy Wonka invent a never ending gobstopper?</p> <p>What was inside the large saucepan?</p> <p>Why shouldn't you chew a gobstopper?</p> <p>Why do you think nobody was allowed into 'The Inventing Room'?</p>						
Literacy	<p>Re-read page 114. Using the ambitious vocabulary for yesterday's lesson, sort the words into the different senses. E.g.</p> <table border="1" data-bbox="734 663 1438 817"> <thead> <tr> <th>See</th> <th>Hear</th> <th>Smell</th> </tr> </thead> <tbody> <tr> <td>Gigantic room Black metal pots</td> <td>Simmering bubbling</td> <td>Smoke</td> </tr> </tbody> </table> <p>Challenge: Turn the ambitious vocabulary into a short description of 'The Inventing Room'.</p>	See	Hear	Smell	Gigantic room Black metal pots	Simmering bubbling	Smoke
See	Hear	Smell					
Gigantic room Black metal pots	Simmering bubbling	Smoke					
Maths	<p>Refer to the Maths Word Problem resource. Complete 'Problem 2'</p> <p>Tip: Recognise odd and even numbers.</p>						
Topic	<p><u>States of Matter</u></p> <p>Read the information and watch the video on reversible and irreversible changes to materials. https://www.bbc.co.uk/bitesize/topics/zcv4wx/articles/z9brcwx</p> <p>Complete the table available in the resources section. Look at each picture of the material in its original state, then draw a picture of it after heating and decide whether it is reversible or irreversible. With the help of an adult, you could try heating these materials practically at home!</p> <p>1. Egg 2. Chocolate, 3. Ice cube 4. Cake batter</p>						

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Tuesday	
Phonics / Reading	<p>Read pages 116-117 and answer the following questions.</p> <p>What did Willy Wonka have to use to cut the Oompa-Loompa's beard hair?</p> <p>Who was told not to argue with Willy Wonka?</p> <p>When does hair start growing after eating the hair toffee?</p> <p>Why isn't the recipe for the hair toffee correct?</p> <p>Why do you think Willy Wonka keeps telling the children to 'be careful'?</p>
Literacy	<p>Letter</p> <p>Write a letter from the point of view of Charlie Bucket to his family back home. Recount your adventure in the factory so far. You should write in 1st person and include a range of ambitious vocabulary.</p> <p>E.g. Dear Mother and Father,</p> <p>You would not believe what I have experienced so far on my journey through the chocolate factory! Firstly, I met the eccentric Mr Willy Wonka and he gave us a strange speech at the mysterious gates. He led us through the magnificent factory towards 'The Chocolate Room'.....</p> <p>After, we experienced the inventing room. This was the best room yet!</p>
Maths	<p>Refer to the Maths Word Problem resource. Complete 'Problem 3'</p> <p>Tip: Know multiplication facts for 4 and 5 times tables.</p>
Topic	<p>Complete the sentences with the correct vocabulary.</p> <ul style="list-style-type: none"> • A change is called _____ if it cannot be changed back again. • A change is called _____ if a material can go back to its original state. • When an egg is _____ it changes from a _____ to a _____. This change is _____ • Chocolate begins as a _____. When heat is applied it _____ and becomes a _____. This is a _____ change because when it _____ it changes back to its original state. <div style="border: 1px solid black; padding: 5px; text-align: center; margin-top: 10px;"> <p>reversible irreversible heated melts cools solid liquid</p> </div>

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Day	Activity		
Wednesday			
Phonics / Reading	<p>The following words are from Chapter 19 of Charlie and the Chocolate Factory. Your task today is to write synonyms for these words. Synonyms are words that have the same meaning – for example 'boiling' is a synonym for 'hot'. Try to come up with ambitious synonyms.</p> <p>delicious large said beautiful strange</p>		
Literacy	<p><u>Invent your own sweet!</u> Design your own sweet treat that could be made at the factory. You can be as imaginative as you like!</p> <p>Think about the following;</p> <p>Colour, flavour, texture, shape, size, name</p> <p>What does the sweet do when you eat it? E.g. make your hair grow, make you grow taller, make you smell nice etc.</p>		
Maths	<p>Refer to the Maths Word Problem resource. Complete 'Problem 4'</p> <p>Tip: Know multiplication facts for 4 and 5 times tables.</p>		
Topic	<p>The pictures below show the particle structures for the three different states of matter. Label the diagrams with the correct heading of solid, liquid or gas then sort the statements into the correct category based on their properties.</p> <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <div style="margin-right: 20px;">  </div> <div style="margin-right: 20px;">  </div> <div style="border: 1px solid black; padding: 10px; flex-grow: 1;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> Often invisible Keeps their shape Can be difficult to hold Cannot be held but can be squashed Can flow or be poured easily The volume can change </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> Does not have a fixed shape Takes the shape of the container Can be held easily Stays in one place The volume stays the same </td> </tr> </table> </div> </div>	<ul style="list-style-type: none"> Often invisible Keeps their shape Can be difficult to hold Cannot be held but can be squashed Can flow or be poured easily The volume can change 	<ul style="list-style-type: none"> Does not have a fixed shape Takes the shape of the container Can be held easily Stays in one place The volume stays the same
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Day	Activity
Thursday	
Phonics / Reading	<p>Today, you will be writing a book review as this is the last week that we will be looking at Charlie and the Chocolate Factory. Use the template in the resources section of the website or use the headings below to give your opinions on the book.</p> <p>Is the book fiction or non-fiction? What is the book about? Who would you recommend the book to? Why? What was your favourite part of the book? Write three things you have learnt about one of the characters How many stars would you give the book out of 5?</p>
Literacy	<p><u>Recipe and instructions</u> Create a recipe and instructions for how your sweets could be made at the factory. You will need to include: a list of ingredients, numbered instructions, imperative (bossy) verbs e.g. mix, pour, add, bake, sprinkle, stir. See the example below.</p> <p><u>Hair Toffee</u> <u>Ingredients</u></p> <ul style="list-style-type: none"> - Sugar - Chocolate drops - Magic dust - Tears of a cat - Saliva - Armpit hair - A rabbit tooth. <p><u>Instructions</u></p> <ol style="list-style-type: none"> 1. Firstly, mix the honey and sugar in a giant bowl. 2. Next add 15 tablespoons of armpit hair. 3. Pour in a packet of chocolate drops. 4. Bake in the oven for 20 minutes. 5. Sprinkle.....

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Maths	<p>Refer to the Maths Word Problem resource. Complete 'Problem 5'</p> <p>Tip: Recognise multiple of 2, 3 and 5</p>
Topic	<p>Based on your knowledge of States of Matter, create an informative poster which includes:</p> <ul style="list-style-type: none">• Properties of solids, liquids and gases• Example of solid, liquids and gases• Irreversible and reversible changes• Melting and cooling <p>Examples are available on the 'resources' section of the website. You may want to create a similar poster to the example provided</p>