



Whitewater C of E Primary School

## Isolation Activities for Year 6

This is a list of suggested activities that can be completed if your child is unable to attend school but well enough to learn at home. There is an English, Maths and Topic activity for each day. These are from the Oak National Academy and each have a small video clip with a teacher giving instructions and explaining a task for the children to do during the video. Don't forget to continue reading at home regularly, both reading to an adult and enjoying books together.

English	Giants Necklace by Micahel Morpurgo		
	Overview	Link	Task
Day 1	<b>To engage with the text</b> In this lesson you will find out the author of the book we will be studying and the name of the book. You will make inferences by looking at the front cover. You will learn some key vocabulary and then read the first couple of paragraphs.	<a href="https://classroom.thenational.academy/lessons/to-engage-with-the-text-cmwkjr">https://classroom.thenational.academy/lessons/to-engage-with-the-text-cmwkjr</a>	Produce a mind map to collect ideas from this lesson.
Day 2	<b>To read a text and make inferences (Part 1)</b> In this lesson you will read the opening part of The Giant's Necklace. You will look to understand the main character's personality by analysing language and a conversation between the main character and her mother.	<a href="https://classroom.thenational.academy/lessons/to-read-a-text-and-make-inferences-part-1-6mr3gr">https://classroom.thenational.academy/lessons/to-read-a-text-and-make-inferences-part-1-6mr3gr</a>	Read the text and answer questions based on retrieval, summarising and inference.
Day 3	<b>To read a text and make inferences (Part 2)</b> In this lesson we will read the next part of the story. We will focus on exploring character and looking at language.	<a href="https://classroom.thenational.academy/lessons/to-read-a-text-and-make-inferences-part-2-c8rp4e">https://classroom.thenational.academy/lessons/to-read-a-text-and-make-inferences-part-2-c8rp4e</a>	Read the text and answer questions based on predictions, vocabulary and inference.
Day 4	<b>To analyse a setting</b> In the lesson you will read the next part of the story and form an impression of the setting. You will also make a prediction of what is going to happen next.	<a href="https://classroom.thenational.academy/lessons/to-analyse-a-setting-6rtp2e">https://classroom.thenational.academy/lessons/to-analyse-a-setting-6rtp2e</a>	Describe impressions of the setting and make predictions about what will happen next.
Day 5	<b>To read, comprehend and respond to a climax</b> In the lesson you will consider what part of the story you are up to. You will then read the next part of the story and consider whether your predictions were correct.	<a href="https://classroom.thenational.academy/lessons/to-read-comprehend-and-respond-to-a-climax-6gr68c">https://classroom.thenational.academy/lessons/to-read-comprehend-and-respond-to-a-climax-6gr68c</a>	In this final video you will be reviewing the work that you have done. Describe whether your prediction from the previous session was correct and say how you felt about what you have read overall.



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Maths			
	Overview	Link	Task
<b>Day 1</b> <b>Multiply and divide by 10, 100 and 1000 involving decimals</b>	In this lesson, we will learn the procedure for multiplying and dividing numbers by 10, 100 and 1000.	<a href="https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r">https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r</a>	Complete introductory quiz then watch the lesson. This is followed by 4 written activities and a final quiz
<b>Day 2</b> <b>Multiply and divide by 10, 100 and 1000 in a context</b>	In this lesson, we will apply our understanding of multiplying and dividing numbers by 10, 100 and 1000 to the context of measure.	<a href="https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-with-in-context-c4t68t">https://classroom.thenational.academy/lessons/multiply-and-divide-by-10-100-and-1000-with-in-context-c4t68t</a>	Complete introductory quiz and then watch the lesson. Answer the written questions on converting between measures. Complete final quiz.
<b>Day 3</b> <b>Understand the terms common factor and common multiple as properties of a number</b>	In this lesson, we will explore factors and multiples of numbers, including identifying common factors and multiples.	<a href="https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-cdk68c">https://classroom.thenational.academy/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-cdk68c</a>	Complete introductory quiz and then watch the lesson. Answer the written questions on identifying factors and multiples. Complete final quiz.
<b>Day 4</b> <b>Identify properties of a number</b>	In this lesson, we will learn to identify prime and composite numbers	<a href="https://classroom.thenational.academy/lessons/identify-properties-of-numbers-6wv34t">https://classroom.thenational.academy/lessons/identify-properties-of-numbers-6wv34t</a>	Complete introductory quiz and then watch lesson. Play the factors and multiples game described in the video. Complete the final quiz.
<b>Day 5</b> <b>Understanding which operations have equal priority</b>	In this lesson we'll be looking at addition and subtraction problems and multiplication and division problems and exploring whether changing the order of operations affects the outcome.	<a href="https://classroom.thenational.academy/lessons/understanding-which-operations-have-equal-priority-c4t6ce">https://classroom.thenational.academy/lessons/understanding-which-operations-have-equal-priority-c4t6ce</a>	Watch the lesson. Answer the written questions on the order of operations. Complete final quiz.



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Topic	Powerpoints to these lessons are available.		
SCIENCE	Overview	Link	Task
Day 1 How do particles in solids, liquids and gases behave?	In this lesson, we will learn about particles! We are going to learn how the particles in each state of matter behave and how this leads to the properties of solids, liquids and gases.	<a href="https://classroom.thenation.al.academy/lessons/how-do-particles-in-solids-liquids-and-gases-behave-cnj38t">https://classroom.thenation.al.academy/lessons/how-do-particles-in-solids-liquids-and-gases-behave-cnj38t</a>	Watch the video and complete the tasks: <ul style="list-style-type: none"> <li>- States of matter</li> <li>- Drawing particles</li> <li>- Properties of solids, liquids and gases</li> </ul> Then complete the final quiz.
Day 2 What do particles in pure substances and mixtures look like?	In this lesson, we are going to look at the differences in the particles of pure and impure substances. We will use water and gold as examples. You will need a pencil, a piece of paper and a ruler. .	<a href="https://classroom.thenation.al.academy/lessons/what-do-particles-in-pure-substances-and-mixtures-look-like-6wup6c?activity=intro_quiz&amp;step=1">https://classroom.thenation.al.academy/lessons/what-do-particles-in-pure-substances-and-mixtures-look-like-6wup6c?activity=intro_quiz&amp;step=1</a>	Take the recap quiz and then watch the video. Then complete the following tasks: <ul style="list-style-type: none"> <li>- Identify particle diagrams</li> <li>- Answer the questions on a liquid and a solid, thinking about their states.</li> </ul> Then complete the final quiz.
Day 3 What happens to particles during dissolving?	In this lesson, we will learn what happens to particles during dissolving. We will investigate what happens when we mix water with salt, sugar and sand. For this lesson you will need a pencil and a piece of paper. If you would like to take part in the practical you will also need a glass of water and some sugar and salt. If you do not have these things then you can still take part in the lesson by watching the teacher's demonstration.	<a href="https://classroom.thenation.al.academy/lessons/what-happens-to-particles-during-dissolving-74t36c?step=2&amp;activity=video">https://classroom.thenation.al.academy/lessons/what-happens-to-particles-during-dissolving-74t36c?step=2&amp;activity=video</a>	Take the recap quiz then watch the lesson video. Then complete the following tasks: <ul style="list-style-type: none"> <li>- Sugar investigation</li> <li>- Answer questions about solutions</li> <li>- Salt investigation</li> <li>- Sand investigation</li> </ul>
Day 4 How can mixtures be separated?	In this lesson, we will look at three different methods for separating mixtures: sieving, filtration and evaporation. We will learn when to use each one and plan our own experiment. You will need a pencil and a piece of paper for this lesson.	<a href="https://classroom.thenation.al.academy/lessons/how-can-mixtures-be-separated-70tkjc">https://classroom.thenation.al.academy/lessons/how-can-mixtures-be-separated-70tkjc</a>	Take the introductory quiz and watch the video. Then complete the tasks that follow. <ul style="list-style-type: none"> <li>- Sieving</li> <li>- Filtering</li> <li>- Evaporation</li> <li>- Answer the questions on methods.</li> </ul> Finally complete the final quiz.
Day 5	In this lesson, we will learn about the difference between physical	<a href="https://classroom.thenation.al.academy/lessons/how-">https://classroom.thenation.al.academy/lessons/how-</a>	Take the introductory quiz and watch the video. Then



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<p>How can we tell a chemical reaction has taken place?</p>	<p>changes and chemical reactions. We will learn about the particles in both of these types of change and the signs to look out for in a chemical reaction. You will need a pencil, a ruler and a piece of paper for this lesson. If you have baking soda and vinegar then you will need that for an investigation too, but don't worry you can still take part without these things.</p>	<p><a href="https://www.ck12.org/chemistry/Can-we-tell-a-chemical-reaction-has-taken-place-chjp8e?step=1&amp;activity=intro_quiz">can-we-tell-a-chemical-reaction-has-taken-place-chjp8e?step=1&amp;activity=intro_quiz</a></p>	<p>complete the tasks that follow.</p> <ul style="list-style-type: none"><li>-identify physical and chemical reactions</li><li>- create word equations</li><li>-plan an investigation</li></ul> <p>Finally complete the final quiz.</p>
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