

# Year 6 Home Learning Week Beginning 14th March 2022

MON

TUES

WED

THURS

FRI

<https://classroom.thenational.academy/units/important-scientists-biographical-writing-f64b>

Biography writing unit – Lesson 6-10 (1-5 if you haven't done so already! 😊)

## MATHS:

In maths this week, we will be covering the content, as we needed to work a little more on coordinates and 2D shapes. If you have already completed the unit below (ALGEBRA), have a go at some of the following on IXL maths:

### IXL Coordinate plane

#### W.1

Describe the coordinate plane

#### W.2

Objects on a coordinate plane

#### W.3

Graph points on a coordinate plane

#### W.4

Coordinate planes as maps

#### W.5

Objects on a coordinate plane - all four quadrants

#### W.6

Graph points on a coordinate plane - all four quadrants

#### W.7

Quadrants

### IXL Triangles and quadrilaterals

#### EE.1

Classify triangles

#### EE.2

Find missing angles in triangles

#### EE.3

Parallel sides in quadrilaterals

#### EE.4

Sides and angles of quadrilaterals

#### EE.5

Identify parallelograms

#### EE.6

Identify trapeziums

#### EE.7

Identify rectangles

#### EE.8

Identify rhombuses

#### EE.9

Classify quadrilaterals

#### EE.10

Pick all the names for a quadrilateral

#### EE.11

Draw quadrilaterals

#### EE.12

Graph triangles and quadrilaterals

#### EE.13

Identify the relationships between quadrilaterals

#### EE.14

Describe relationships among quadrilaterals

#### EE.15

Find missing angles in quadrilaterals

### IXL Two-dimensional figures

#### CC.1

Is it a polygon?

#### CC.2

Regular and irregular polygons

#### CC.3

Number of sides in polygons

#### CC.4

Interior angles of polygons

#### CC.5

Sort polygons into Venn diagrams

#### CC.6

Properties of polygons

#### CC.7

Lines, line segments and rays

#### CC.8

Parallel, perpendicular and intersecting lines

#### CC.9

Parts of a circle

<b>ALGEBRA - Find a rule - one step rule</b>  <a href="https://vimeo.com/499979721">https://vimeo.com/499979721</a>	<b>ALGEBRA - Find a rule - two step rule</b>  <a href="https://vimeo.com/499980302">https://vimeo.com/499980302</a>	<b>ALGEBRA - Forming expressions</b>  <a href="https://vimeo.com/499980673">https://vimeo.com/499980673</a>	<b>ALGEBRA - Substitution</b>  <a href="https://vimeo.com/500489180">https://vimeo.com/500489180</a>	<b>ALGEBRA - Formulae</b>  <a href="https://vimeo.com/500489558">https://vimeo.com/500489558</a>
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**Worksheets and answers for maths are on the home learning page of the school website.**

<b>World War II!</b> Find out what the phrase 'make do and mend means.' Why was this so important? Why couldn't people just buy more of the things they needed if they wanted to? Is there anything that you could 'make do and mend?' Make a plan and decide what you are going to fix so that you can reuse it. Make a plan 'how' you are you intend to fix it with what materials.	<b>Have a go at these online 10 Minute Buster questions from CGP online!</b>  <a href="https://www.cgpbooks.co.uk/resources/ks2-sats-online-10-minute-tests">https://www.cgpbooks.co.uk/resources/ks2-sats-online-10-minute-tests</a>  <b>(Also these are good for extra maths practice!)</b>  <a href="https://www.cgpbooks.co.uk/resources/cgp-s-free-online-10-minute-tests/free-functional-skills-maths-online-10-minute-test">https://www.cgpbooks.co.uk/resources/cgp-s-free-online-10-minute-tests/free-functional-skills-maths-online-10-minute-test</a>  <b>(Don't worry if you have forgotten what to do!)</b>	<b>Spanish – Duo Lingo (Continue from last week)</b>  <b>Follow these steps:</b> <b>Go to</b> <a href="http://www.duolingo.com">www.duolingo.com</a> 1. Get started 2. <b>Choose</b> I want to learn Spanish 3. How did hear about us - <b>choose</b> 'other' 4. Why are you learning a language – <b>choose</b> 'school' 5. Choose a daily goal – <b>choose</b> 20 minutes (intense) 6. Block or allow notifications 7. Want us to help you keep your daily goal – <b>choose</b> 'not now.' 8. Choose your path – <b>choose</b> 'Already know some Spanish' 9. Take a test to start you off. 10. <b>Choose</b> intro and off you go!	<b>P.E.</b>  <b>Choose a Joe Wicks workout video from this list!</b>  <a href="https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ">https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ</a>	<b>Science:</b>  <a href="https://classroom.thenational.academy/lessons/what-is-static-electricity-74tk2t">https://classroom.thenational.academy/lessons/what-is-static-electricity-74tk2t</a>  <b>What is static electricity?</b>  <i>(If you have previously done this, look at the next lesson:)</i>  <a href="https://classroom.thenational.academy/lessons/what-are-the-different-components-in-an-electrical-circuit-cdk34d">https://classroom.thenational.academy/lessons/what-are-the-different-components-in-an-electrical-circuit-cdk34d</a>  <b>What are the different components in an electrical circuit?</b>
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<p><b>Continued...</b></p>	<p><b>Time to read!</b> Complete the reading comprehension about <b>Lent</b>.</p> <p>You'll find the file on the home learning page. Choose either 1 star, 2 star or 3 stars depending on your book band (<i>3 stars is the most challenging</i>)</p>	<p><b>Times table practice:</b> Tommy's Trek:</p> <p><a href="https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables">https://mathsframe.co.uk/en/resources/resource/318/Tommys-Trek-Times-Tables</a></p> <p>Set it to the times tables you need to practise.</p> <p>And/ Or <b>Doodle Maths</b></p>	<p><b>R.E.</b></p> <p>Think about these BIG questions. What is your opinion? What are your thoughts? Explain:</p> <p><b><i>Why is there ugliness in the world?</i></b></p> <p><b><i>Is there such a thing as a bad person?</i></b></p> <p><b><i>How do we know what we don't know?</i></b></p> <p><b><i>What else is there to discover?</i></b></p>	<p><b>P.E. Fitness</b> <b>Choose a Joe Wicks workout video from this list!</b></p> <p><a href="https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ">https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ</a></p>
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