



## Rook's Nest Academy Homework Week 4

<b>Year</b>	<b>5</b>	<b>Week beginning</b>	18 <sup>th</sup> - 22 <sup>th</sup> May
<p>As last week your isolation homework will be a mixture of structured Literacy and Maths lessons from: The Oak National Academy website <a href="https://www.thenational.academy/online-classroom">https://www.thenational.academy/online-classroom</a> [Select 'subject' and then choose your year group] BBC Bitesize <a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-lessons/1</a> White Rose Maths <a href="https://whiterosemaths.com/homelearning/year-5/">https://whiterosemaths.com/homelearning/year-5/</a></p> <p>Topic lessons will be more practical and based around the Rook's Nest Academy curriculum. Year 5's topic for this half term is <b><u>Crime and Punishment</u></b></p> <p>Make sure you are reading at least 15 minutes every day. You can read to yourself as well as an adult. Once you have finished the book log on and complete an Accelerated Reader quiz (you can access this from the Rook's Nest Student Start Page). Mr Milfull and Mrs Morell will be checking your quiz numbers as well as Rockstars scores.</p> <p>Remember that daily lessons can also include sessions on TT Rockstars, Prodigy and Education City as well as PE lessons such as that run by Joe Wicks.</p> <p>You will need to take breaks and make sure that you take daily exercise.</p> <p>STEM Science and the Met office have sent a fantastic new resource about weather and climate which includes: Forecasting and prediction - get to grips with the subjects at the heart of weather forecasting and climate prediction; Extreme weather - find out about extreme weather around the world and its impacts and Weather and climate stories. Discover who's most vulnerable to the impacts of severe weather and the people who help communities stay safe. <a href="https://www.metoffice.gov.uk/weather/learn-about/met-office-for-schools/resources-for-7-11">https://www.metoffice.gov.uk/weather/learn-about/met-office-for-schools/resources-for-7-11</a></p>			
	<b>English</b>	<b>Mathematics</b>	<b>Foundation Subjects/Practical activity</b>

## Monday

Diary Entry: Reading  
Comprehension -Inference

In this lesson, we are going to learn how to infer answers from the text.

<https://www.thenational.academy/year-5/english/diary-entry-reading-comprehension-inference-year-5-wk4-1>

<https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1>

See 18<sup>th</sup> May English work

To convert miles and kilometres

This is the sixth lesson on our unit of conversion. In this lesson we explore the difference between imperial and metric units. This lesson will focus on converting between miles and kilometres - a real life skill that you will use for the rest of your life.

<https://www.thenational.academy/year-5/maths/to-convert-miles-and-kilometres-year-5-wk4-1>

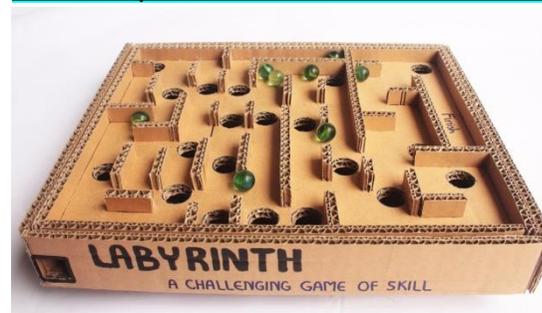
<https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1>

See 18<sup>th</sup> May Maths work

Extension

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

Crime and punishment - Jail Break DT Activity



Making a Jail Break marble maze. Let your imagination run wild as you come up with challenging and interesting designs to help your marble to escape from the maximum security prison marble maze.

Plan the layout. Planning the maze out beforehand can let you know if it will make sense, be too easy or be too difficult.

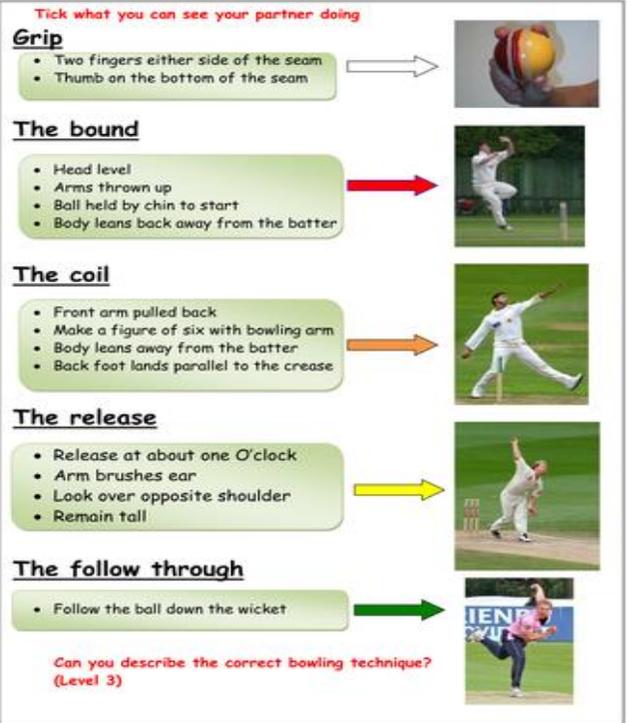
- You can build your maze to be as complex or as simple as you would like.
- You can add as many pathways or dead ends as you want.
- There should be at least one path for your marble to take.
- Most of the lines in your maze will be straight.
- Make sure each pathway in your maze is wide enough to allow a marble to pass through it.
- Why not plan your maze using Scratch or even lego?

[https://www.youtube.com/watch?v=vXsi30yup\\_Y](https://www.youtube.com/watch?v=vXsi30yup_Y)

<https://www.wikihow.com/Make-a-Marble-Maze-Game>

Science

<p><b>Tuesday</b></p>	<p>Diary Entry: Reading Comprehension -Fact Retrieval. In this lesson, we are going to learn how retrieve facts from the text.</p> <p><a href="https://www.thenational.academy/year-5/english/diary-entry-reading-comprehension-fact-retrieval-year-5-wk4-2">https://www.thenational.academy/year-5/english/diary-entry-reading-comprehension-fact-retrieval-year-5-wk4-2</a></p> <p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a> See 19th May English work</p>	<p><i>To convert between grams and kilograms</i></p> <p><i>In our seventh lesson of this unit, we will be focusing on converting between grams and kilograms. We will start the lesson with a focus on how and why we measure in grams in kilograms, before moving onto converting between grams and kilograms and then finishing with how to read scales in which not all numbers are shown.</i></p> <p><a href="https://www.thenational.academy/year-5/maths/to-convert-between-grams-and-kilograms-year-5-wk4-2">https://www.thenational.academy/year-5/maths/to-convert-between-grams-and-kilograms-year-5-wk4-2</a></p> <p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a> See 19<sup>th</sup> May Maths work</p> <p><i>Extension</i> <a href="https://whiterosemaths.com/homelearning/year-5/">https://whiterosemaths.com/homelearning/year-5/</a></p>	<p>How can we identify different types of rock?</p> <p>In this lesson, we are going to become geologists! We have some problems to solve which are going to require us to make careful observations and construct an identification key to help us to identify different rocks. You will need a piece of paper, a pencil and a ruler for this lesson.</p> <p><a href="https://www.thenational.academy/year-5/foundation/how-can-we-identify-different-types-of-rock-year-5-wk4-3">https://www.thenational.academy/year-5/foundation/how-can-we-identify-different-types-of-rock-year-5-wk4-3</a></p> <p>Try BBC Bitesize: Science week beginning 18<sup>th</sup> May <a href="https://www.bbc.co.uk/bitesize/articles/z6pyvk7">https://www.bbc.co.uk/bitesize/articles/z6pyvk7</a> <a href="https://onedrive.live.com/view.aspx?resid=54CF08BDFC25132B!23345&amp;ithint=file%2cpptx&amp;authkey=!AE5r5tsc8xECtIc">https://onedrive.live.com/view.aspx?resid=54CF08BDFC25132B!23345&amp;ithint=file%2cpptx&amp;authkey=!AE5r5tsc8xECtIc</a></p> <p><u>Music</u></p> <p>To identify pulse and rhythm in music</p> <p>In this lesson we will sing and clap to the pulse and rhythm of a variety of different musical examples.</p> <p><a href="https://www.thenational.academy/year-5/foundation/to-identify-pulse-and-rhythm-in-music-year-5-wk4-5">https://www.thenational.academy/year-5/foundation/to-identify-pulse-and-rhythm-in-music-year-5-wk4-5</a></p> <p><u>PE</u></p> <p>It's the cricket season (and rounders). Get into the garden and practice throwing and catching, throw high and low how many passes can you do with a partner in 2 minutes? Throw your tennis ball at a target. Use chalk to draw a target on a wall and make up your own scoring session. Try bowling</p> <p><a href="https://www.youtube.com/watch?v=VHTzqkFuIjs">https://www.youtube.com/watch?v=VHTzqkFuIjs</a></p>
<p><b>Wednesday</b></p>	<p>Diary Entry: Identifying the features of a text</p> <p>In this lesson, we are going to explore the features of a diary entry.</p> <p><a href="https://www.thenational.academy/year-5/english/diary-entry-features-of-a-text">https://www.thenational.academy/year-5/english/diary-entry-features-of-a-text</a></p>	<p><i>To convert units of mass</i></p> <p><i>In our eighth lesson on our units on conversion, we will be building on the work we did in lesson seven on converting units of mass. In this lesson, we will be</i></p>	

	<p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">emy/year-5/english/diary-entry-identifying-the-features-of-a-text-year-5-wk4-3</a></p> <p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a> See 20<sup>th</sup> May English work</p>	<p>focusing on converting kilograms to tonnes, and putting this in a real life context.</p> <p><a href="https://www.thenational.academy/year-5/maths/to-convert-units-of-mass-year-5-wk4-3">https://www.thenational.academy/year-5/maths/to-convert-units-of-mass-year-5-wk4-3</a></p> <p>Extension: Follow the link to: <a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a> See 20<sup>th</sup> May Maths work</p> <p>Extension <a href="https://whiterosemaths.com/homelearning/year-5/">https://whiterosemaths.com/homelearning/year-5/</a></p>	 <p>Do the next part of workout:</p> <p><b>2. Complete workout</b></p> <p>Dance: Key Stage 2 - Dance Workshop In the gym</p> <p>Primary Dance KS2: Dance Workshop. In the second session all the sequences are added together - upper body, fancy footwork and lower body - to create a complete workout <a href="https://www.bbc.co.uk/programmes/p04xnynp">https://www.bbc.co.uk/programmes/p04xnynp</a></p> <p>Look at Yorkshire sports Foundation website <a href="https://www.yorkshiresport.org/get-active/thisispe/?gclid=EAIaIQobChMIInYafNiN6QIViZntCh3sEARtEAAYASAAEgLOBvD_BwE">https://www.yorkshiresport.org/get-active/thisispe/?gclid=EAIaIQobChMIInYafNiN6QIViZntCh3sEARtEAAYASAAEgLOBvD_BwE</a></p> <p>Yorkshire Sport Foundation and leading national organisations are working with Physical Educators from across the country to support parents to teach PE at home. #ThisIsPE is one of the resources recommended by the Department for Education to support teachers and parents to deliver physical education during the coronavirus lockdown.</p>
<p>Thursday</p>	<p>Diary Entry: SPaG focus - Formality</p> <p>In this lesson, we are to going to focus on formality</p> <p><a href="https://www.thenational.academy/year-5/english/diary-entry-spag-focus-formality-year-5-wk4-4">https://www.thenational.academy/year-5/english/diary-entry-spag-focus-formality-year-5-wk4-4</a></p> <p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a> See 21st May English work</p>	<p>To convert between pounds and kilograms</p> <p>In the penultimate lesson of this unit we are going to investigate the difference between imperial pounds and metric kilograms. As with our exploration of miles and kilometres, we are going to use approximate conversions to solve problems.</p> <p><a href="https://www.thenational.academy/year-5/maths/to-convert-between-pounds-and-kilograms-year-5-wk4-4">https://www.thenational.academy/year-5/maths/to-convert-between-pounds-and-kilograms-year-5-wk4-4</a></p> <p>Extension: Follow the link to: <a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-lessons/1</a> and complete that days maths lesson (21st May)</p> <p>Extension <a href="https://whiterosemaths.com/homelearning/year-5/">https://whiterosemaths.com/homelearning/year-5/</a></p>	

<p><b>Friday</b></p>	<p>Diary Entry: Write a diary entry</p> <p>In this lesson, we are going to plan and write a diary entry.  <a href="https://www.thenational.academy/year-5/english/diary-entry-write-a-diary-entry-year-5-wk4-5">https://www.thenational.academy/year-5/english/diary-entry-write-a-diary-entry-year-5-wk4-5</a></p> <p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a>  See 22<sup>nd</sup> May English work</p>	<p>To apply measures and conversions in context</p> <p>In the last lesson of this unit, we are going to apply all the work that we have done on length over the past 9 lessons. We are going to explore Leonardo DaVinci's famous Vitruvian Man, the maths that it holds within it and apply that to our own bodies.  <a href="https://www.thenational.academy/year-5/maths/to-apply-measures-and-conversions-in-context-year-5-wk4-5">https://www.thenational.academy/year-5/maths/to-apply-measures-and-conversions-in-context-year-5-wk4-5</a></p> <p><a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a>  See 22<sup>nd</sup> May Maths work</p> <p>Extension  <a href="https://whiterosemaths.com/homelearning/year-5/">https://whiterosemaths.com/homelearning/year-5/</a></p>	<p>A new lesson will be added at 1pm on a Monday, Wednesday and Friday. They'll also be posted on Facebook, Instagram and Twitter, so just find what's best for you</p> <p><b>Extension and other bits:</b>  <a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-lessons/1</a></p> <ul style="list-style-type: none"> <li>- A range of topic lessons can be found here for the week based around music, PSHE, Science, Geography and History. Each lesson is dated with lessons in each different topic subject if you wish to follow that schedule - or do them as you like.</li> </ul> <p><a href="https://www.thenational.academy/online-classroom/year-5/foundation/#subjects">https://www.thenational.academy/online-classroom/year-5/foundation/#subjects</a></p> <p><b>Forest Schools</b>  <i>It's a big shame but we are missing our second half term's Forest Schools so how about this...</i>  <b>Squirrel Bridge Challenge:</b> Find two trees or two posts.  Your challenge is to create a tree bridge to save the forest creatures from having to walk on the dangerous forest floor. The rules -  The bridge must be higher than a your shoulders  The bridge must be wide enough to hold two squirrels walking side by side  The bridge must be strong enough to hold a weight.  The bridge must be longer than you.</p>
----------------------	--	--	---