

## Year 5 Science Work for Distance Learning –Term 2-Week- 31

Subject	<b>Science</b>
Class/Division	Year <b>5 A-F</b>
Week	<b>31(18<sup>th</sup> April to 22<sup>nd</sup> April)</b>
Work sent to students via	<b>Google Classroom</b>
Total number of lessons per week	4 live Zoom lessons
<b>Unit</b>	<b>FORCES</b>
<b>ZOOM 1</b>	<p><b>Learning objective:</b> Describe the effects of forces.</p> <p><b>Learning Outcomes: Students will be able to;</b></p> <ul style="list-style-type: none"> <li>• Define a force.</li> <li>• Describe the effects that forces have on objects.</li> <li>• Know that there are different types of forces.</li> </ul> <p><b>POWER POINT with video links -</b> To be posted on Google Classroom on the day of the lesson.</p> <p><b>Topic Book and Work book-Forces</b>  <b>Read page 1 ,2, 3 - Topic book</b>  <b>Complete pages 1 &amp; 2 – Work book</b></p>
<b>ZOOM 2</b>	<p><b>Learning objective:</b> Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p><b>Learning Outcomes: Students will be able to;</b></p> <ul style="list-style-type: none"> <li>• Realise that gravity is an invisible force which attracts objects even without contact.</li> <li>• Understand that objects are pulled downwards because of the gravitational attraction between the objects and the Earth.</li> <li>• Know that different planets have different</li> </ul>

<p>Resources:</p>	<p>gravitational pulls on objects.</p> <ul style="list-style-type: none"> <li>• Realise that larger the planet, the larger the pull.</li> <li>• Research the life and work of Isaac Newton.</li> </ul> <p><b>POWER POINT with video links</b> - To be posted on Google Classroom on the day of the lesson.  <b>Topic Book and Work book-Forces</b>  <b>Read page 4,5,8,9 - Topic book</b>  <b>Complete pages 3,7,8 - Work book</b>  <b>Active Learn Allocation:</b>  <a href="https://www.activelearnprimary.co.uk/resource/471426">https://www.activelearnprimary.co.uk/resource/471426</a>  <a href="https://www.activelearnprimary.co.uk/resource/471427">https://www.activelearnprimary.co.uk/resource/471427</a>  <a href="https://www.activelearnprimary.co.uk/resource/471523">https://www.activelearnprimary.co.uk/resource/471523</a></p>
<p><b>ZOOM 3</b></p> <p>Resources:</p>	<p><b>Learning objective:</b> Understand that weight is a force and forces are measured in newtons(N)  <b>Learning Outcomes: Students will be able to;</b></p> <ul style="list-style-type: none"> <li>• Understand the difference between mass and weight.</li> <li>• Know that the Newton meter is used to measure force and are sometimes called force meters because they are used to measure forces.</li> <li>• Realise that the unit used to measure force is called the Newton or N.</li> </ul> <p><b>POWER POINT with video links</b> - To be posted on Google Classroom on the day of the lesson.  <b>Topic Book and Work book-</b>  <b>Read page 6 , 7, 10 - Topic book</b>  <b>Complete page 4 (if you have a newton meter/spring-balance)- Work book</b></p>

<p><b>ZOOM 4</b></p>	<p><b>Learning objective:</b> Know how friction acts on moving objects to slow them down.</p> <p><b>Learning Outcomes: Students will be able to;</b></p> <ul style="list-style-type: none"> <li>• Realise that friction acts on moving objects to slow them down.</li> <li>• Identify a variety of examples of effects of friction.</li> <li>• Realise that all frictional forces always acts in the opposite way to the direction that an object is moving.</li> <li>• Realise that when two surfaces are moving and are in contact with each other, there will always be friction.</li> <li>• Investigate the sole of their shoe and reason why they have ridges.</li> </ul> <p><b>POWER POINT with video links -</b> To be posted on Google Classroom on the day of the lesson.</p> <p><b>Topic Book and Work book-</b>  <b>Read page 12 ,13 - Topic book</b>  <b>Complete page 9 ,10 , 11 Work book</b></p> <p><b>Active Learn Allocation:</b>  <a href="https://www.activelearnprimary.co.uk/resource/471428">https://www.activelearnprimary.co.uk/resource/471428</a></p> <p><b>Year 3 allocation:</b>  <a href="https://www.activelearnprimary.co.uk/resource/471412">https://www.activelearnprimary.co.uk/resource/471412</a></p>
	<p><i>Revision for GL Exam</i>  <i>Topic: Skeleton, Muscles and Bones ( Year 3 topic)</i></p> <p><i>The revision resources will be posted on Google Classroom during the week.</i></p>