

Year 5 Science Work for Distance Learning –Term 2-Week- 32

Subject	Science
Class/Division	Year 5 A-F
Week	32(25th April to 29th April)
Work sent to students via	Google Classroom
Total number of lessons per week	4 live Zoom lessons
Unit	FORCES
ZOOM 1	<p>Learning objective: Explain the effect of air resistance on falling objects.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • Realise that that although gravity causes objects to fall, some forces like air resistance can act in an opposite way to gravity to reduce the rate at which the objects fall. • Know that air resistance is greater if the size/area of the object is large. • Know that the faster an object moves through the air, the greater the air resistance. • Describe and explain how a parachute works and helps the person to fall at a slow speed.
Resources:	<p>POWER POINT with video links - To be posted on Google Classroom on the day of the lesson.</p> <p>Topic Book and Work book-Forces Read pages 14, 15 - Topic book Complete pages 12 , 13 – Work book</p>
ZOOM 2	<p>Learning objective: Describe the effects of water resistance on moving objects.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • Know that water resistance is another force and causes friction between moving objects and water.

<p>Resources:</p>	<ul style="list-style-type: none"> • Explain how streamlining reduces the size of the push back from the water or water resistance. • Research on different types of boats and find out the best shaped hull to reduce the effects of water resistance. <p>POWER POINT with video links - To be posted on Google Classroom on the day of the lesson. Topic Book and Work book-Forces Read page 20 - Topic book Complete pages 17 , 19 – Work book Active Learn Allocation: https://www.activelearnprimary.co.uk/resource/471431 https://www.activelearnprimary.co.uk/resource/471430</p>
<p>ZOOM 3</p> <p>Resources:</p>	<p>Learning objective: Understand how a lever and gears are simple machines that allow a small force to have a great effect.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • know that simple machines are pieces of equipment designed to make tasks easier. • define a lever as an arm that turns or pivots around a point. • Know that levers and gears are pieces of equipment designed to make tasks easier. • give examples of levers and gears used in everyday situations <p>POWER POINT with video links - To be posted on Google Classroom on the day of the lesson. Topic Book and Work book-Forces Read pages 21 ,22 - Topic book</p> <p>Active Learn Allocations: https://www.activelearnprimary.co.uk/resource/471433</p>

<p>ZOOM 4</p> <p>Resources:</p>	<p>Learning objective: Understand how an inclined plane, a wedge and a screw use a small force to get a great effect.</p> <p>Learning Outcomes: Students will be able to;</p> <ul style="list-style-type: none"> • know that an inclined plane, wedge and screw are pieces of equipment designed to make tasks easier. • Give examples of inclined planes ,wedges and screws used in everyday situations <p>POWER POINT with video links - To be posted on Google Classroom on the day of the lesson.</p>
	<p><i>Revision for GL Exam</i> <i>Topic: Rocks and Soil (Year 3 topic)</i></p> <p><i>The PPT and Google Form will be posted on Google Classroom during the week.</i></p>