## Year 5 Science Work for Distance Learning -Term 2-Week- 30

Subject	Science
Class/Division	Year <b>5 A-F</b>
Week	30(21 <sup>st</sup> March to 25 <sup>th</sup> March)
Work sent to students via	Google Classroom
Total number of	3 live Zoom lessons and 1 Google Classroom
lessons per week	lesson
Unit	EARTH AND SPACE
ZOOM 1	Those sections of year 5 who had their Assessment-2 last week will carry forward Lesson 3 from week 29 during this lesson. Those sections who have their Assessment-2 this week will use 1 Zoom lesson in week 30 for their Assessment.
ZOOM 2	<ul> <li>Learning objective: Use the idea of Earth's rotation to explain the apparent movement of the Sun across the sky.</li> <li>Learning Outcomes: Students will be able to;</li> <li>Understand that the Sun only appears to move across the sky because the Earth rotates into and out of the path of sunlight.</li> <li>Recognize that the rotation of the Earth causes shadows to change through the day and causes the Sun to appear to be moving.</li> <li>Realize that even though it appears that the Sun is moving, but really it is the Earth moving on its axis.</li> <li>Understand that the tilt of the earth on its axis is responsible for seasons.</li> </ul>
Resources:	POWER POINT with video links - To be posted on Google Classroom on the day of the lesson.  Topic Book and Work book- Earth and Space Read page 12 - Topic book  Complete pages 10 & 14 - Work book  Active Learn Allocation: <a href="https://www.activelearnprimary.co.uk/resource/36258">https://www.activelearnprimary.co.uk/resource/36258</a> 4

ZOOM 3	Learning objective: Understand how shadow length changes during the course of a day Learning Outcomes: Students will be able to;
	<ul> <li>Know that shadows are formed when light is blocked by an opaque object.</li> <li>Know that Sun appears lower at sunrise and sunset while it appears highest in the sky at midday.</li> <li>Realise that the length and direction of shadows are dependent upon the position of the Sun.</li> </ul>
	<ul> <li>Predict how the height of the shadow on the ground varies at different times of the day.</li> <li>Use the secondary data given to draw conclusions about shadow lengths during the day.</li> </ul>
Resources:	
	POWER POINT with video links - To be posted on Google Classroom on the day of the lesson.  Read Topic book-page 15  Complete Workbook pages 16,17
GOOGLE CLASSROOM:	Research on the International Space Station . Complete pages 22 and 23 of your Workbook. Complete page 18 of your Workbook.