Year 5 Science Work for Distance Learning -Term 2-Week- 29

Subject	Science
Class/Division	Year 5 A-F
Week	29(14 th March to 18 th 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	Learning objective : Understand that the solar system has 8 planets; planets may be different sizes and some have more than one moon.
	Learning Outcomes: Students will be able to;
	 Know that there are eight planets in the Solar System: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
	 Realise that the Solar system also consists of asteroids, comets, moons and dwarf planets (Pluto was reclassified as a 'dwarf planet' in 2006).
	 Describe the movements of the planets in the solar system.
	 Understand that the planets circle around the Sun and this is called 'orbiting'.
	 Understand that all the planets vary in size and their relative distances from the Sun.
	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 6,7,8,9 - Topic book Complete page 6,8 - Work book Active Learn Allocation: https://www.activelearnprimary.co.uk/resource/36258 https://www.activelearnprimary.co.uk/resource/36258

ZOOM 2	Learning objective : Explain that Earth spins on its axis causing some parts of Earth to be in daylight when other parts are in darkness.
	Learning Outcomes: Students will be able to;
	 Explain how Earth's rotation causes day and night.
	 Realize that it is daytime in the part of the earth facing towards the sun, and night time in the part of the earth facing away from the sun.
	Illustrate how we get night and day using diagrams.Realise that the Sun does not move.
	Know that the earth orbits the Sun and spins on its axis
	 Realize that it is 'sun rise' as we first see the Sun, 'midday' when we are directly in front of the Sun, 'sunset' as we turn away from the Sun and 'midnight' when we are opposite the Sun and facing away from it.
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 10,11 - Topic book Complete page 9 - Work book Active Learn Allocation: https://www.activelearnprimary.co.uk/resource/362583
ZOOM 3	Learning objective : Describe the movement of the Moon relative to Earth, and Earth and other planets relative to the Sun, correctly using the term 'orbit'.

	Learning Outcomes: Students will be able to;
	 Understand that a moon is a celestial body that orbits a planet.
	Describe the movement of the Moon relative to Earth.
	 Realise that the Moon takes approximately 28 days to orbit the earth.
	 Know how long the moon takes to spin on its axis once.
	Identify the names of the moon phases.
Resources:	POWER POINT with video links - To be posted on Google Classroom on the day of the lesson.
	Read pages 18, 19,20,21- Topic book Complete page 21 -Workbook Active Learn Allocation: https://www.activelearnprimary.co.uk/resource/362585
GOOGLE CLASSROOM:	Complete pages 19 and 20 of the Work book Complete the lesson notes from the PPTs sent this week as instructed by the teacher.