

TBAT	Outcomes	Skills	Assessment
1. Gathering evidence Explain the different methods of exploring space.	Describe how we observe space Compare which method is the most useful		Self-assess
2. Seasons Describe how the suns position affects our days and seasons	Describe differences in the seasons in terms of day length and the height of the Sun. Explain the changes in day length and height of the Sun in terms of the tilt of the Earth's axis.		Self-assess
3. Phases of the moon Describe how we see the moon differently during the month.	Recall that planets have moons Describe how the moon changes throughout the month		Self-assess
4. Gravity and magnetic earth	State the meaning of gravitational field strength and magnetic field Describe the effect of the Earth's magnetic field on compass needles. Explain why the weight of an object changes if taken to the Moon, but not it's mass.	Students to calculate weight gravitational field Students to use a bar magnet to pick up another bar magnet and show that this only works if the two magnets are held with unlike poles together. Students find the shape of a magnetic field by placing a	Self-assess

		sheet of paper over a bar magnet and sprinkling iron filings onto the paper.	
5. Therapy	Students to reflect on the collective feedback		Mid-point assessment- Teacher assessed
6. The solar system	<p>Identify the order of the planets in the solar system</p> <p>Describe the characteristics of each planet</p> <p>Explain how planets orbit the sun</p>	Students to model the solar system	Self-assess
7. Beyond the solar system	<p>State the meaning of: Sun, star, galaxy, Universe, constellation.</p> <p>Describe some ways in which astronomers can detect planets orbiting stars other than the Sun.</p>		Self-assess
8. Moon landing Argue your opinion towards the moon landing, did it happen?	<p>Recall the moon landing</p> <p>Create an argument to include for and against points</p>	Extended writing task	Self-assess
9. Consolidate the learning of the topic	Students to complete the revision activities in preparation for their assessment.		Self-assess
10. Assessment	End of unit assessment	Exam technique	Peer assessed

11. Reflection Lesson	Students reflect on their assessment using the knowledge organiser.		
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