

Objective	Milestone Indicator (s)			
		Basic (retrieve, identify, recall, list, name)	Advanced (Apply skills to solve problems, explain methods, classify, infer, categorise, identify patterns, organise, modify, predict, interpret, summarise, make observations, estimate, compare).	Deep (Solve non-routine problems, appraise, explain concepts, hypothesise, investigate, cite evidence, design, create, prove).
Lesson 1 – Spherical Bodies • I can explain why we know the Sun, Earth and Moon are spherical				
I can identify scientific evidence which does or does not provide evidence for an idea or argument.	By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it.	Describe a sphere. <ul style="list-style-type: none"> • Identify scientific evidence with support. • Name the planets in the solar system with support. • Explain how the planets orbit the Sun. 	Describe the Sun, Earth and Moon as spherical. <ul style="list-style-type: none"> • Name the planets in the solar system independently. • Distinguish between heliocentric and geocentric ideas of planetary movement. • Explain that day and night is due to rotation of the Earth. • Support the idea that different places on Earth 	Name at least two different shapes the Earth was thought to be. <ul style="list-style-type: none"> • Identify scientific evidence that has been used to support or refute ideas. • Describe some features of the planets. • Place the planets in the solar system in the correct order. • Explain theories of planetary movement in the solar system using evidence. • Explain using evidence how night and day occur. • Explain why night and day
Lesson 2 – The planets I can name and describe features of the planets in our solar system. • I can order the planets in our solar system	By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it.	<ul style="list-style-type: none"> • Explain how night and day occur. • Make predictions about night and day in different places on Earth. 		
Lesson 3 – Geocentric vs	By observing and researching			

<p>heliocentric</p> <ul style="list-style-type: none"> • I can explain how planets move in our solar system. <p>I can identify scientific evidence which does or does not provide evidence for an idea or argument.</p> <p>Lesson 4 – Day and night</p> <ul style="list-style-type: none"> • I can explain day and night and the apparent movement of the sun across the sky. <p>Lesson 5 – Night and day international</p> <p>I can investigate night and day in different parts of the Earth.</p> <ul style="list-style-type: none"> • I can report and present findings from enquiries <p>Lesson 6 – Movements of the moon</p> <p>I can explain the movement of the Moon.</p>	<p>features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it.</p> <p>By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it.</p> <p>By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it.</p> <p>By observing and researching features of our solar system, I can use simple models to communicate my understanding of size, scale, time and relative motion within it.</p>	<ul style="list-style-type: none"> • Report and present findings from enquiries with support. • Explain that the Moon orbits the Earth not the Sun. 	<p>experience night and day at different times with evidence.</p> <ul style="list-style-type: none"> • Report and present findings from enquiries. • Explain how the Moon moves relative to the Earth. 	<p>occur at different times in different places on Earth.</p> <ul style="list-style-type: none"> • Write a conclusion which explains my findings. • Explain how the Earth and Moon move relative to the Sun
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

BASIC LEVEL EXAMPLE QUESTIONS		ADVANCING LEVEL EXAMPLE QUESTIONS		DEEP LEVEL EXAMPLE QUESTIONS
What happened after.....? When did.....? Who was it that....? What was the name of....? Where did that happen....? How many....? Who spoke to....? What colour was....?		Can you describe it in your own words? What might have happened next? Who was the main character? Can you summarise? How do you think they were feeling? How might that have happened? What do you think he would have said?		How is this similar to? Why do you think that? Why is that the most effective? How many different ways can you? How would you improve? Can you propose an alternative? Why is that better than that? What is your opinion of? Do you agree with?