

Earth in space - science, geography, history (information and facts)

ARE	NAPS	Science (Earth and space)	Science (forces and motion, gravity)	Science (materials and changes - rocks)	Geography / History
YR	S4	-			
	S5	-			
	S6	Aware of different things that happen during the day and night. Identify things that happen in summer and winter			Recognise some seasonal features / activities e.g. sun, snow, flower, Easter, Christmas (H)
	S7	Use simple vocabulary such as light and dark, before and after. Compare day and night, light and dark			
	S8	Can point to Earth, Sun and Moon on a diagram. Observe patterns in events such as day and night			Use simple geographical language to communicate ideas, locations, functions and roles (G)
	S9	Observe how shadows change through the day Observe changes across the four seasons Know that we get heat and light from the sun		Identify objects made of rock	Discuss in more detail, information that can be observed in photographs. Undertake fieldwork (G) Be aware of N,S,E,W (G) Know that places exist outside their own locality (G) Know the country they live in (G) Ask questions about what they have seen (G) Correctly use comparative terms. Use some g Geographical vocabulary (G)
	S10	Observe the changes in the shape of the Moon over a month			Identify N,S,E,W (G) Answer some questions about what they have seen and / or observed (G)
KS1	S11	-	Know that unsupported objects fall towards		Use the terms N,S,E,W (G)

			the Earth because of the force of gravity acting between the Earth and the falling object		Use pictures for information in non-fiction books Discuss the main topic in a non-fiction book
	S12	Start to understand that the Earth spins on its axis. Observe and describe weather associated with the seasons and how day length varies		Compare and group together rocks on the basis of their appearance and simple physical properties	Compare photos of different places Use pictures and photographs to identify physical features Identify sea and land on a map and globe. Identify water features on a simple map Can talk about how things have changed over time (H) Use historical vocabulary to accurately describe time (H)
LSK2	S13	-		Recognise that soils are made from rocks and organic matter	Demonstrate awareness that information comes from a range of sources (G) Identify physical features of a landscape (G) Identify key differences from comparing photos of different places (G) Locate UK on a variety of maps, globes, GPS (G) Identify some people from the past who are famous (H)
	S14	-		Know the basic composition of the Earth, including useful materials from the Earth Know the basic structure of the Earth	Aware that you dip into reference books. Locate reference books in the library (G)
UKS2	S15	Describe the Sun, Earth and Moon as approximately spherical bodies		Is aware of the rock cycle and the formation of igneous, sedimentary and metamorphic rocks. Describe in simple terms how fossils are formed when things that have lived are trapped within rock	Identify where to find information (G) Describe observations in geographical terms (G) Describe different physical features (G)

	S16	<p>Describe the movement of the Moon in relation the Earth</p> <p>Describe the movement of the Earth and other planets, relative to the Sun in the solar system</p> <p>Use the idea of the Earth's rotation to explain night and day and the apparent movement of the across the sky</p>	<p>Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p>		<p>Locate countries across the world. Use an index locate a place in an atlas (G)</p>