

AC Science

EP Curriculum Map

Year 5

Science Understanding

Biological sciences

Content Descriptor	Lesson Names
Living things have structural features and adaptations that help them to survive in their environment	<p><i>Adaptations for Survival</i></p> <ul style="list-style-type: none"> • Introduction to Adaptations • Adaptations in Shape or Form • Adaptations Inside the Body • Adaptations in Behaviour • Nocturnal Activity • Dune Plants • Camouflage <p><i>Adaptations to Environments</i></p> <ul style="list-style-type: none"> • Environments • Rock Pool Environments • Life in a Rock Pool • Desert Environments • Life in the Desert • Polar Environments • Life at the Poles

Chemical sciences

Content Descriptor	Lesson Names
Solids, liquids and gases have different observable properties and behave in different ways	<p><i>States of Matter</i></p> <ul style="list-style-type: none"> • Introduction to Matter • Solids • Liquids • Gases • Gases have Masses? • Comparing States of Water • Secretive Substances • Extreme Conditions <p><i>Changing States of Matter</i></p>

	<ul style="list-style-type: none"> • Melting • Freezing • Condensation • Sublimation • Deposition • Boiling and Evaporation • Temperature and States of Matter
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Earth and space sciences

Content Descriptor	Lesson Names
The Earth is part of a system of planets orbiting around a star (the sun)	<ul style="list-style-type: none"> • Planet Earth • Introduction to the Solar System • The Sun • Years • Days • The Inner Planets • The Outer Planets • Sizes in Space • Distances in Space • The Solar System

Physical sciences

Content Descriptor	Lesson Names
Light from a source forms shadows and can be absorbed, reflected and refracted	<p><i>The Path of Light</i></p> <ul style="list-style-type: none"> • Light • How Do We See? • The Movement of Light • The Speed of Light • Ray Diagrams • Shadows • Comparing Shadows <p><i>Interaction with Light</i></p> <ul style="list-style-type: none"> • Types of Objects • The Colour of Light • Absorption • Mirrors • Refraction • Extension: Refraction and Ray Diagrams