

## PIARA WATERS PRIMARY SCHOOL SCIENCE PROGRAM OVERVIEW (2023)

Pre-primary	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Term 1 - Biological Science</b>						
Living things have basic needs, including food and water.	Living things have a variety of external features and live in places that meet their needs.	Living things grow, change and have offspring similar to themselves.	Living things can be distinguished from non-living things and can be grouped based on their observable features.	Living things have life cycles and depend on their environment to survive.	Living things have structural features and adaptations to help them survive in their environment.	The growth and survival of living things are affected by the physical conditions of their environment.
<b>Term 2 - Chemical Science</b>						
The way objects move depends on a variety of factors.	Light and sound are produced by different sources and we can sense them.	A push or a pull affects how an object moves or changes shape.	Heat can be produced in many ways and can move from one object to another.	Forces can be exerted by one object on another through direct or indirect contact.	Light from a source forms shadows and can be absorbed, reflected and refracted.	Electrical energy can be transferred and transformed in electrical circuits and can be generated from a variety of sources.

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<b>Term 3 - Chemical Science</b>						
Objects are made of materials with different observable properties.	Everyday materials can be physically changed in a variety of ways.	Materials can be combined for different purposes.	A change of state between solid and liquid can be caused by adding or removing heat.	Natural and processed materials have a range of physical properties that can influence their use.	Solids, liquids and gases have different observable properties and behave in different ways.	Changes to materials can be reversible or irreversible.
<b>Term 4 - Earth and Space Science</b>						
Daily and seasonal changes around us affect everyday life.	Observable changes occur in the sky and landscape.	Earth's resources are used in a variety of ways.	Earth's rotation causes regular changes, including night and day.	Earth's surface changes over time because of natural processes and human activity.	Earth is part of a system of planets orbiting around a star.	Sudden geological changes and extreme weather events can affect Earth's surface.