

PRE-PRIMARY - TEACHER INTRODUCTION

The Primary Australian Literacy Mathematics & Science (PALMS) Program aims to enrich and support the teaching of earth science from Kindergarten to Year 6 across Australia. This will be achieved by providing, within the mandated Earth and Space Science curriculum, hands-on activities integrating aspects of Chemical Sciences, Physical Sciences and Biological Sciences as well as relevant components of English, Mathematics and other subjects into teaching packages.

These teaching packages are available at www.palms.edu.au.

Daily and seasonal changes affect everyday life

In Pre-primary, students observe and describe the behaviours and properties of everyday objects, materials and living things. They explore change in the world around them, including changes that impact on them, such as weather and the changes they can affect, such as making things move or change shape. They learn that seeking answers to questions they pose and making observations is a core part of Science, using their senses to gather different types of information.

Topic No.	Topic	Activities	Student Worksheet	Subjects	Page No.
1	Observing change	Use Your Senses	X	Science	1 + 6
		Stomping Senses	X	Science	1 + 7
		Mystery Packages	X	Science	1 + 8
		What Was That Sound?	X	Science Visual Art	1 + 9
		Use All Your Senses	X	Science Critical Thinking	1 + 10

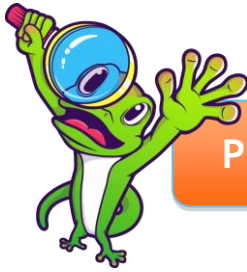




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Topic No.	Topic	Activities	Student Worksheet	Subjects	Page No.
2	Movement	Movement	X	Science Maths	11 + 13
3	Short Term & Daily Changes	Day and Night		Science	15
		I Know Day and Night		Science English	18
		Living Things	X	Science	19 + 20
		Things We Use	X	Science HASS	21 + 23
		What To Wear	X	Science HASS	24 + 26
		"This is the Way"		Science Music	29
4	Long Term & Seasonal Changes	I Know the Seasons		Science HASS	30
		Predictable Seasons	X	Science HASS	32 + 34
		Nyungar Seasons		Science HASS	36
		Pencil Puzzle	X	Science Maths	38 + 40
5	Very Long Term Changes	Little Rocks		Art	41
		Rocks and Sand		Science	44
		Rolling Rounder	X	Science	47 + 49
		Rock, number and shape	X	Science Maths	50 + 52





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Kindergarten

Australian Curriculum (WA) - Earth and Space Sciences

The world changes can affect how I feel/react (ACSSU004a)

The weather and time of day changes (ACSSU004b)

Weather involves sun, rain, wind and clouds and can be hot, cold and warm (ACSSU004c)

Events and clothing are affected by weather and time of day (ACSSU004d)

Pre-Primary

Australian Curriculum (WA) - Earth and Space Sciences

Daily and seasonal changes in our environment affect everyday life (ACSSU004)

Major concepts also included:

Science

Pose and respond to questions about familiar objects and events.

Participate in guided investigations and make observations using the senses.

Engage in discussion about observations and represent ideas.

Share observations and ideas.

Chemical Science

Objects are made of materials that have observable properties.

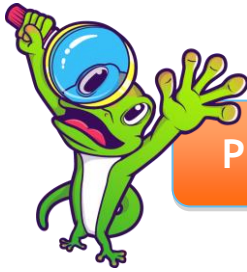
Mathematics

Connect days of the week to familiar events and actions.

Sort describe and name familiar two-dimensional shapes and three-dimensional objects in the environment.

Describe position and movement.





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English

Listen to and respond orally to texts and to the communication of others in informal and structured classroom situations.

Create short texts to explore, record and report ideas and events using familiar words and beginning writing knowledge.

HASS

Share observations and ideas, using everyday language.

Reflect on learning.

The Arts

Exploration of, and experimentation with, the visual art elements of shape, colour, line and texture.

Improvisation and practice of music (singing, playing, moving) for a specific purpose and a familiar audience.

