

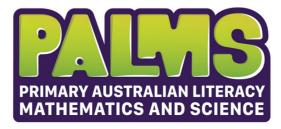
The Primary Australian Literacy Mathematics & Science (PALMS) Program aims to enrich and support the teaching of earth science from Kindergarten to Year 5 across Australia. This will be achieved by providing, within the mandated Earth and Space Science curriculum, hands-on activities integrating aspects 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 will be made available at www.palms.edu.au.

LOCAL FNVIRONMENTS & PATTERNS ON FARTH

Activities marked PPP (PALMS PARENT POWER) are ones you may wish to send home with the students to do with their parents or by themselves. They replay the concepts recently covered in Science. Studies demonstrate that if a student describes what they have learned to another, they deepen their own understanding and retain it longer.

Topic No.	Topic	Activities	Student Worksheet	Subjects	Page No.
1	Senses	Senses Words	٧	Science + English	1 + 5
		Using Your	٧	Science +	
		Senses		Mathematics	2 + 6
		Kim's Game		Science + English	9
		PPP - Senses and		Science + English +	
		Slime		Technology	12
2	Weather	Weather Words	٧	Science + English	16 + 17
	Changes	Rain, Lovely Rain		Science + English	18
		Rain and Senses	٧	Science + English +	
				Mathematics	18 + 28
		Rain Making		Science	19
		Make a Rain		Science +	
		Gauge		Technology	19





Topic	Topic	Activities	Student	Subjects	Page
No.			Worksheet	•	No.
2	Weather	Read a Rain Gauge	٧	Science +	
	Changes			Mathematics	21 + 29
		Rainfall Graph	٧	Science +	
				Mathematics	22 + 30
		Changes in Weather	٧	Science +	
				English	23 + 31
		Make Clouds		Science	24
		Blue Skies		Science	24
		Make a Rainbow		Science	26
		Testing Guesses	٧	Science +	
				Mathematics	27 + 32
		Changes in		Science +	
		Temperature		English	33
		Temperature and	٧	Science +	
		Senses		English	33 + 39
		Hot and Cold Hands		Science	35
		Temperature and	٧	Science	
		Smells			36 + 40
		Dressing for	٧	Science +	
		Temperature		English	37 + 41
		Wind		Science +	
				English	42
		Wind and Senses	٧	Science +	
				English	43 + 49
		Flying Feather		Science +	
				Technology	44
		Pointing Pencil		Science +	
				Technology	45





Topic	Topic	Activities	Student	Subjects	Page
No.	·		Worksheet	•	No.
2	Weather	Tea Bag Testing or		Science +	
	Changes	Leaf Looking		Technology	46
	_	Change in Wind		Science +	
				English	47
		Weather in the Sky	٧	Science +	
				English +	50 + 52
				Technology	
		Two Day Weather	٧	Science +	
		Report		English	50 + 53
		PPP - Build Your Own		Science +	
		Weather Vane		Technology	54
3	Day and	Day and Night Words	٧	Science +	
	Night			English	56 + 61
		Day and Night Words	٧	Science +	
		- Part 2		English	57 + 63
		Music Appreciation		Music	58
		Time Wristband		Science +	
				Technology	58
		Acting Time!		Science + Drama	60
4	Landscape	Landscape Changes		Science +	
	Changes	and Timescale		History	64
	and	Dog and Landscape	٧	Science +	
	Timescale		(pictures)	Geography	67 + 73
		Aboriginal Dreaming		Science +	
				History	69
		Sandpit Landscapes		Science	70
		Puddles		Science +	
				Mathematics	94
		Salt Lakes		Science	95





Australian Curriculum - Earth and Space Sciences

Observable changes occur in the sky and landscape (ACSSU019) Elaborations

- Exploring the local environment to identify and describe natural, managed and constructed features
- Recording short and longer time patterns and events that occur on Earth and in the sky, such as the appearance of the moon and stars at night.

Major concepts also included:

Being, becoming, belonging

English

- Language for different text & purposes
- Communication
- What is happening?
- What is being described?
- Who or what is involved?

Mathematics

- Number line
- · Half & whole
- Hours, days, months
- Will happen/won't happen?
- Represent data as drawings

Geography and History

• Change over time

