

Connected Learning Team

Primary

Year 1

Science Package

Differences between day and night

Changes in the sky

2 weeks

Year 1 Science

Earth and Space Sciences: Observable changes occur in the sky and landscape (ACSSU019).

Prior learning	*Exposure to vocabulary of day, morning, noon, midday, afternoon, evening and night. *Exposure to the names of seasons- summer, autumn, winter and spring.	
Week 1	WALT What I'm Learning Today	WILF What I'm Looking For
	I am observing differences between day and night.	I can draw pictures of clear differences.

Instructions	Resources
<ol style="list-style-type: none"> 1. Introduce what the student will be learning about. 2. How do you know it is day time? 3. How do you know it is night time? 4. I wonder what changes when it goes from day to night... (Let the student think about this and eventually respond. If they don't you can answer). 5. Go out into the backyard and ask the student to share some things they see. 6. Will these things still be here at night? How do you know? Will they change? Can you find something close by that will change somehow at night? (Let the student explore and wonder to find something.) How does it change? 7. You can share that you noticed the sun was out during the day but it isn't there at night time. I wonder why... (let the student ponder this statement, there is no need to give them an answer). 8. Show the worksheet to the student and explain a picture needs to be drawn for each item, showing what it looks like during the day and at night. Let the student talk about the changes to these items before beginning. Perhaps you can do an example of 'the sun' to show how the pictures can be completed. If the student is unsure about how it changes at night, you can allow them to make an observation after sunset or support the student to make a prediction/ guess instead. This could be a great conversation for around the dinner table. 9. The student should explain their work once completed and check how they went achieving the WALT and WILF. 10. The student is to complete the reflection at the bottom of the worksheet. 	<p>Worksheet with table for drawings</p> <p>Pencils/ textas/ crayons</p>

How did these items change?

What it looked like at day	What it looked like at night
<u>Flower</u>	<u>Flower</u>
<u>Lamp</u>	<u>Lamp</u>
<u>Moon</u>	<u>Moon</u>
<u>Butterfly</u>	<u>Butterfly</u>

Colour the face in for how your learning went during this task:



Week 2	WALT What I'm Learning Today	WILF What I'm Looking For
	I am learning to observe changes in the sky during the day.	I can identify how the sun appears to move throughout the day. I can talk about my observations (using the words in bold).

Instructions	Resources
<ol style="list-style-type: none"> 1. Introduce student to what they are learning today. 2. Review the learning from the last lesson. 3. Does the sun stay in the same spot in the sky all day? 4. I wonder why that is... (Give the student time to think and if possible, respond. You don't need to explain why.) 5. Can you point to the direction where the sun rises from? This is called east. 6. Can you point to the direction where the sun is at lunch time? We also call this time of the day midday. 7. Can you point to the direction where the sun sets? This is called west. 8. As the sun moves, does it make anything else change? (Give the student thinking time. If they answer great but not to worry if they don't). 9. Introduce the pictures or photographs in the correct sequence taken or drawn. What do you notice about these pictures? How are they different? 10. Depending on the angle that you took the pictures, get the student to point to where they think the sun was when each picture was taken. What do you notice about the sky? How is it changing? How does it look like at sunrise compared to sunset? (You are looking for the student to use the bolded language here). 11. Introduce the worksheet. Get students to draw a picture of where the sun is in the sky for sunrise, midday and sunset. Colour the sky to match the colours at the time of the pictures. Discuss the words east and west on the worksheet so as to draw the sun in the correct spot. 12. The student should explain their work once completed and check how they went achieving the WALT and WILF. 13. The student is to complete the reflection at the bottom of the worksheet. 	<p>If possible, take pictures/ photographs of the a section of sky (including where it meets land) at 8am, 10am, 12pm, 2pm, 4pm and 6pm.</p> <p>Alternative 1, reduce the amount of pictures to 8am, 12pm and 4pm.</p> <p>Alternative 2, draw pictures from the same spot at these times.</p> <p><i>Pictures and photographs must be taken/drawn with the student.</i></p> <p>Worksheet with table</p>

Changes to the sky during the day

What position is the sun in?

Sunrise	West	East
Midday	West	East
Sunset	West	East

Colour the face in for how your learning went during this task:

