

Science Worksheet

Exploring Day and Night (Year 2)

Australian Curriculum Links:

- **Science Understanding:** Earth and space sciences
 - Year 2: Observable changes occur in the sky and landscape (ACSSU019)
-

Name: _____

Date: _____

Exploring Day and Night

Part 1: Day and Night Cycle

A. Label the pictures as 'Day' or 'Night':

1.

Label: _____



2.

Label: _____



B. Draw what you see in the sky during the day and during the night.

Day:



Night:



Part 2: Activities During Day and Night

A. Draw a line to match the activity with the correct time of day (Day or Night):

- | | |
|------------------------------|----------|
| 1. Eating breakfast | a) Night |
| 2. Going to school | b) Day |
| 3. Sleeping | c) Day |
| 4. Brushing teeth before bed | d) Night |

B. Circle the activities you do during the day:

- Playing in the park
- Reading a book before bed
- Having lunch
- Watching the stars

Part 3: Understanding the Sun and Moon

A. Fill in the blanks:

1. The sun is in the sky during the _____ (day/night).
2. The moon and stars are in the sky during the _____ (day/night).
3. We can see shadows during the _____ (day/night).
4. We sleep during the _____ (day/night).

B. Match the object with when you see it:

- | | |
|-----------|----------|
| 1. Sun | a) Day |
| 2. Moon | b) Night |
| 3. Stars | c) Night |
| 4. Clouds | d) Day |

Part 4: Observing Day and Night

A. What changes do you notice between day and night? Write or draw your observations.

Day:

Observations: _____

Night:

Observations: _____

B. Discuss with a partner: Why is it important to have both day and night?

Part 5: Experiment: Making a Day and Night Model

A. Materials Needed:

- A flashlight (representing the sun)
- A globe or ball (representing the Earth)
- A dark room

B. Steps:

1. Turn on the flashlight and point it at the globe.
2. Slowly spin the globe.
3. Observe how different parts of the globe are in the light (day) and the dark (night).

C. Questions:

1. What do you notice when you spin the globe?
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2. Which part of the globe is experiencing day?
-

3. Which part of the globe is experiencing night?

Teacher's Notes:

- Encourage students to share their observations and discuss why the day and night cycle is essential for life on Earth.
- Use visual aids and interactive models to help students understand the concepts better.
- Reinforce the importance of the sun for providing light and warmth during the day and the role of the moon and stars at night.

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