

Big Idea: Observe and locate the sun and moon in the sky.

Unit Essential Question

**How do we observe and record the changes in the appearance
Of the sun and moon over a period of time ?**

Skill #1:

**Sun
3.3.2.B.1**

Skill #2:

**Moon
3.3.2.B.1**

Skill #3:

**Seasonal Patterns
3.3.2.B.1**

Lesson Essential Questions:

Why does the sun rise in the east
and set in the west?

Why does the sun change position
in the sky in 12 hours?

Lesson Essential Questions:

Why does the moon change position
in the sky in 12 hours?

Why does the moon change its
appearance over a month?

What are the different phases of
the moon?

Lesson Essential Questions:

Why does the sun rise and set at
different times for each season?

Vocabulary:

- sun
- sunrise
- sunset
- East
- West

Vocabulary:

- moon
- phases
- full moon
- new moon
- crescent moon

Vocabulary:

- seasons
- patterns

Big Idea: Observe the life cycles of various living things.

Unit Essential Question

How do we observe and record the similarities and differences in the life cycle of plants and animals?

Skill #1:

Plants

3.1.2.A3, 3.1.2.A5, 3.1.2.C2

Skill #2:

Animals

3.1.2.A3, 3.1.2.C2

Skill #3:

Consistency and Change

3.1.2.C3

Lesson Essential Questions:

What are steps of the life cycle of a plant?
Why are the parts of the plant?
What are the needs of a plant to survive?

Lesson Essential Questions:

What are the steps of the life cycle of an animal?
What are body parts of various animals?
What are the needs of animals to survive?

Lesson Essential Questions:

What plants are extinct?
What animals are extinct?
What causes extinction in plants and animals?

Vocabulary:

- Life cycle
- needs
- survive

Vocabulary:

- Life cycle
- needs
- survive

Vocabulary:

- extinct

Big Idea: Observe the different properties of water.

Unit Essential Question
What are the different forms of water?

Skill #1:
Forms of Water
3.3.2.A4

Skill #2:
Changes in Water
3.3.2.A4

Skill #3:

Lesson Essential Questions:
What is the solid form of water?
What is the liquid form of water?
What is the gaseous form of water?

Lesson Essential Questions:
What are the properties of matter?
What are the three states of matter?

Lesson Essential Questions:

Vocabulary:

- solid
- liquid
- gas

Vocabulary:

- evaporation
- condensation
- melting
- freezing

Vocabulary:

Big Idea: Observe how changes occur in the properties of materials.

Unit Essential Question

How do we observe and record how materials change when introduced to various properties?

Skill #1:

Weather
3.2.2.B2

Skill #2:

Matter
3.2.2.A3, 3.2.2.A4, 3.2.2.A5

Skill #3:

Energy
3.2.2.B2, 3.2.2.B6

Lesson Essential Questions:

How does the weather affect living and nonliving things?

What is the water cycle?

Lesson Essential Questions:

What are the properties of matter?

What are the three states of matter?

Lesson Essential Questions:

What forms of energy cause change?

What are three examples of forms of energy?

What things need energy as a source to live?

Vocabulary:

- weather
- cycle
- sunlight
- heat
- wind
- living
- non-living
- water

Vocabulary:

- matter
- solid
- liquid
- gas
- mixture
- dissolve
- evaporate
- separate
- substance

Vocabulary:

- energy
- sunlight/solar
- heat
- wind
- water