Raising Mealworms

**What You Need**

- widemouthed jar
- mealworm beetle larva
- oatmeal
- apple slice
- rubber band
- cheesecloth

**Find Out**
Do this activity to see the life cycle stages of mealworms.

**Process Skills**
- Observing
- Communicating
- Predicting

**Time**
- 30 minutes to get started
- 5–10 minutes every day for three weeks
What To Do

1. In a clean, dry jar, place a layer of oatmeal.

2. Add an apple slice to the jar.

3. Add some mealworms to the jar. Cover the jar with the cheesecloth and secure it with the rubber band.

4. Observe the mealworms and draw how they look.

5. Based on what you have learned about insects, predict how the mealworms will change over the next few weeks.

6. Place the jar in a safe place in the classroom out of direct sunlight.

7. Observe the mealworms every day. Record what you see.
<table>
<thead>
<tr>
<th>Date</th>
<th>How the Mealworms Look</th>
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Conclusions

1. How did the mealworms change?

2. What did the mealworms do differently at different times of their lives?

New Questions

1. What changes do you think you might see if you continue to watch the insects?

2. Write a new question you have about animal life cycles.
Activity Journal
Lesson 1 • Animal Body Parts

Name _______________________

ACTIVITY

Modeling Insects and Spiders

List the parts of an insect’s body. List the parts of a spider.

<table>
<thead>
<tr>
<th>Insects</th>
<th>Spiders</th>
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UNIT A • Chapter 2: Animals
What Happened

1. How are your insect model and spider model alike?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

2. How are they different?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

What If

How would insects and spiders be different if they had only two legs?

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________
Activity Journal
Lesson 2 • Animal Life Cycles

Name _______________________

ACTIVITY

Modeling Butterfly Life Cycles

Draw a caterpillar.

Draw a chrysalis.

Draw a butterfly.

UNIT A • Chapter 2: Animals
What Happened

1. How are the caterpillar and chrysalis alike? How are they different?

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

2. How are the caterpillar and butterfly alike? How are they different?

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

What If

Suppose you observed both a butterfly and a caterpillar. Compare how they move from place to place.

____________________________________________________________________

____________________________________________________________________
Investigating Fingerprints

Draw a picture of what you predict your fingerprint will look like.

Draw a picture of what your fingerprint looked like.
Activity Journal
Lesson 3 • Animal Differences

Name __________________________

What Happened

1. Did your fingerprints look the same?

________________________________________________________________________

________________________________________________________________________

2. How were your fingerprints different from your classmates’ fingerprints?

________________________________________________________________________

________________________________________________________________________

What If

What would happen if you made your fingerprint on the same piece of tape as someone else?

________________________________________________________________________

________________________________________________________________________