Name: _____ Date: _____

Your Shadow Is Long at Sunrise

Circle group

Your shadow can be tall or short. The sun makes it change.

In the morning, the sun is low. Your shadow is long.

At noon, the sun is high. Your shadow is short.

Later, the sun goes low. Your shadow is long again.

At night, the sun is on the other side of Earth.

Questions

1. When is the sun low?

_____

_____

2. What is your shadow like at noon?

_____

_____

3. What makes your shadow change?

_____

_____

4. Where is the sun at night?

_____

_____

5. Why is your shadow short at noon?

_____

_____

Words to know

shadow: a dark shape made when you block the light

noon: the middle of the day

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Your Shadow Is Long at Sunrise

Triangle group

Your shadow can be tall or short. The sun makes it change.

In the morning, the sun is low in the sky. Your shadow is long. It stretches out far behind you.

At noon, the sun is high. Your shadow gets short. It sits close to your feet.

Later, the sun goes low again. Your shadow grows long once more.

At night, you have no shadow from the sun. The sun is on the other side of Earth.

Try it with a friend. Stand in the sun at noon and again near sunset. Trace your shadow with chalk each time. Look at how long it grows.

Questions

1. When is the sun low in the sky?

_____

_____

2. What is your shadow like at noon?

_____

_____

3. What makes your shadow change?

_____

_____

4. Where is the sun at night?

_____

_____

5. Why is your shadow short when the sun is high?

_____

_____

Words to know

shadow: a dark shape made when you block the light

stretch: to reach out long

noon: the middle of the day
chalk: a soft stick that draws on the ground

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

Name: _____ Date: _____

Your Shadow Is Long at Sunrise

Square group

Your shadow can be tall one moment and short the next, and the sun is the reason it changes.

In the morning, the sun hangs low in the sky, so your shadow is long and stretches out far behind you.

At noon, the sun climbs high overhead. Your shadow becomes short and stays close to your feet.

Later in the day, the sun sinks low again, and your shadow grows long once more.

At night, the sun is on the other side of Earth, so it makes no shadow for you.

Questions

1. When does the sun hang low in the sky?

_____

_____

2. What is your shadow like at noon?

_____

_____

3. What is the reason your shadow changes?

_____

_____

4. Where is the sun at night?

_____

_____

5. Why does your shadow become short when the sun is overhead?

_____

_____

Words to know

shadow: a dark shape made when you block the light
stretch: to reach out long
noon: the middle of the day

Talk together (every group has these)

1. Find one fact that every group read. How did your sheet say it?
2. What did your sheet tell you that you think another group's did not? Ask them.
3. What is one question about this topic that none of the sheets answered?

For the teacher: Your Shadow Is Long at Sunrise

Each student sheet carries a shape, not a level. The same topic and facts, written three ways.

Circle: Your Shadow Is Long at Sunrise

Easier · 54 words · Flesch-Kincaid grade 0.3

1. In the morning, and later in the day.
2. Short.
3. The sun.
4. On the other side of Earth.
5. The sun is high, so the shadow sits near your feet.

Triangle: Your Shadow Is Long at Sunrise

This passage · 106 words · Flesch-Kincaid grade 0.4

1. In the morning, and again later in the day.
2. It is short.
3. The sun.
4. On the other side of Earth.
5. The light comes from straight above, so the shadow sits close to your feet.

Square: Your Shadow Is Long at Sunrise

Harder · 91 words · Flesch-Kincaid grade 4.3

1. In the morning, and later in the day.
2. It is short and stays close to your feet.
3. The sun.
4. On the other side of Earth.
5. The light comes from straight above, so the shadow stays near your feet.