Name: _____ Date: _____

Jewels of Dew on a Spider Web

Circle group

In the morning, a spider web can look like a necklace. Tiny drops of water hang on the threads. This water is called dew.

Dew comes from the air. The air has water vapor in it. You cannot see it. At night, the grass gets cool. The air next to it gets cool too. Cool air holds less vapor. So the vapor turns into drops.

The drops land on cool things. They land on grass, leaves, and spider threads. It did not rain. The water came out of the air.

Then the sun comes up. The air gets warm. The dew dries up. The jewels are gone.

Questions

1. What does dew look like on a web?

_____

_____

2. Where does dew come from?

_____

_____

3. What happens to the air at night?

_____

_____

4. What happens to dew when the sun comes up?

_____

_____

5. Did rain make the dew? How do you know?

_____

_____

Words to know

dew: tiny drops of water that form outside at night
jewels: sparkling gems
threads: thin strings, like the ones a spider spins
vapor: water that is a gas in the air

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: _____

Jewels of Dew on a Spider Web

Triangle group

Early in the morning, a spider web can look like a necklace of tiny jewels. Little drops of water hang all along the threads. This water is called dew.

Dew comes from the air. During the day, the air holds water vapor, which you cannot see. At night, the ground and the grass get cool. The air touching them cools too. Cool air cannot hold as much vapor, so the vapor turns into drops of water.

The drops land on things that are cool, such as grass, leaves, and thin spider threads. Nothing rained. The water simply came out of the air.

When the sun rises, the air warms up. The dew dries up and floats back into the air as vapor. The jewels are gone for the day.

Questions

1. What does dew look like on a spider web?

_____

_____

2. Where does dew come from?

_____

_____

3. What happens to the air at night?

_____

_____

4. What happens to dew when the sun rises?

_____

_____

5. Did rain make the dew? How do you know?

_____

_____

Words to know

dew: tiny drops of water that form outside at night
jewels: sparkling gems
threads: thin strings, like the ones a spider spins
vapor: water that is a gas in the air

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: _____

Jewels of Dew on a Spider Web

Square group

Early in the morning, a spider web can resemble a necklace studded with tiny jewels, because little drops of water cling all along its threads. This water is known as dew.

Dew comes from the air itself. During the day, the air holds water vapor, which is invisible to our eyes. At night, the ground and the grass cool down, and the air that touches them cools as well. Since cool air cannot hold as much vapor, some of the vapor changes into drops of liquid water.

Those drops settle on anything cool, such as blades of grass, leaves, and thin spider threads. No rain fell at all. The water simply came out of the air.

When the sun rises, the air warms, and the dew dries up and drifts back into the air as vapor. The jewels vanish for the day.

Questions

1. What does dew look like on a spider web in the early morning?

_____

_____

2. Where does dew come from?

_____

_____

3. What happens to the ground and the air touching it at night?

_____

_____

4. What happens to the dew once the sun rises?

_____

_____

5. Was the dew caused by rain? How can you tell?

_____

_____

Words to know

dew: tiny drops of water that form outside at night
jewels: sparkling gems
threads: thin strings, like the ones a spider spins
vapor: water that is a gas in the air

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: Jewels of Dew on a Spider Web

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

Circle: Jewels of Dew on a Spider Web

Easier · 107 words · Flesch-Kincaid grade 0.2

1. Tiny drops of water, like jewels.
2. From water vapor in the air.
3. It gets cool.
4. It dries up.
5. No, the passage says it did not rain.

Triangle: Jewels of Dew on a Spider Web

This passage · 129 words · Flesch-Kincaid grade 2.4

1. Tiny jewels or little drops of water.
2. From water vapor in the air.
3. It cools down.
4. It dries up and goes back into the air.
5. No, because the passage says nothing rained.

Square: Jewels of Dew on a Spider Web

Harder · 142 words · Flesch-Kincaid grade 4.6

1. Tiny jewels, which are little drops of water.
2. From water vapor in the air.
3. They cool down.
4. It dries up and drifts back into the air as vapor.
5. No, because the passage says no rain fell.