Name: _____ Date: _____

The Shadow Duck on the Wall

Circle group

You can make a duck with your hand. You need a lamp and a wall.

Turn on the lamp. Hold your hand up. Open and close your fingers. Quack!

Your hand blocks the light. The light cannot go through. A dark shape shows on the wall. That is a shadow.

Questions

1. What do you need to make a shadow duck?

_____

_____

2. What do you do with your fingers?

_____

_____

3. What blocks the light?

_____

_____

4. What shows on the wall?

_____

_____

5. What if you turn the lamp off?

_____

_____

Words to know

shadow: a dark shape made when something blocks light
lamp: a light you can turn on and off
blocks: stops something from going through

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: _____

The Shadow Duck on the Wall

Triangle group

You can make a duck with your hand. You need a lamp and a plain wall.

Turn on the lamp. Hold up your hand in front of it. Open and close your fingers. Quack, quack!

Your hand blocks the light. Light cannot go through it. So a dark shape shows up on the wall. That shape is a shadow.

Questions

1. What do you need to make a shadow duck?

_____

_____

2. What do you do with your fingers?

_____

_____

3. What blocks the light?

_____

_____

4. What shows up on the wall?

_____

_____

5. What would happen if you turned the lamp off?

_____

_____

Words to know

shadow: a dark shape made when something blocks light
lamp: a light you can turn on and off
blocks: stops something from going through
plain: empty and smooth, with no pictures

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: _____

The Shadow Duck on the Wall

Square group

You can make a duck using nothing but your hand, a lamp, and a plain wall.

Switch on the lamp and hold your hand up in front of it. Open and close your fingers like a beak, and make the duck quack, quack, quack!

Your hand blocks the light, because light cannot travel through it. As a result, a dark shape appears on the wall. That dark shape is called a shadow.

Questions

1. What things do you need to make the shadow duck?

_____

_____

2. What do you do with your fingers to make the duck talk?

_____

_____

3. What stops the light from going through?

_____

_____

4. What appears on the wall as a result?

_____

_____

5. What do you think would happen to the shadow if you switched the lamp off?

_____

_____

Words to know

shadow: a dark shape made when something blocks light
lamp: a light you can turn on and off
blocks: stops something from going through
plain: empty and smooth, with no pictures

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: The Shadow Duck on the Wall

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

Circle: The Shadow Duck on the Wall

Easier · 50 words · Flesch-Kincaid grade -0.7

1. A lamp and a wall.
2. Open and close them.
3. Your hand.
4. A dark shape, a shadow.
5. The shadow goes away. There is no light.

Triangle: The Shadow Duck on the Wall

This passage · 59 words · Flesch-Kincaid grade -0.3

1. A lamp and a plain wall.
2. Open and close them.
3. Your hand.
4. A dark shape called a shadow.
5. The shadow would go away because there would be no light.

Square: The Shadow Duck on the Wall

Harder · 72 words · Flesch-Kincaid grade 3

1. Your hand, a lamp and a plain wall.
2. Open and close them like a beak.
3. Your hand.
4. A dark shape called a shadow.
5. It would disappear because there would be no light to block.