Name: _____ Date: _____

Shadow Puppets with a Lamp and a Wall

Circle group

You can put on a puppet show with a lamp and a wall. Here is how.

First, find a dim room. Turn on a lamp. Aim it at the wall. Next, hold a paper puppet in front of the light. The puppet blocks the light. A dark shadow shows on the wall.

Move the puppet close to the lamp. The shadow gets big. Move it close to the wall. The shadow gets small and sharp.

You can use your hands too. Two hands can make a bird that flaps. Add a story and a few voices. Now you have a show!

Questions

1. What do you need for a shadow show?

_____

_____

2. What kind of room should you find?

_____

_____

3. What happens when the puppet is close to the lamp?

_____

_____

4. What can two hands make?

_____

_____

5. Why does the puppet make a shadow?

_____

_____

Words to know

shadow: a dark shape made when something blocks light
puppet: a small figure that you move with your hands
dim: not very bright

blocks: keeps something from getting 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: _____

Shadow Puppets with a Lamp and a Wall

Triangle group

You can put on a puppet show with just a lamp and a blank wall. Here is how.

First, find a dim room. Turn on a lamp or a flashlight and aim it at the wall. Next, hold a paper puppet between the light and the wall. The puppet blocks the light, so a dark shadow shows on the wall.

Move the puppet closer to the lamp. The shadow gets bigger. Move it closer to the wall. The shadow gets smaller and sharper.

You can also make shadows with your hands. Two hands can make a bird that flaps its wings. Add a story and a few voices, and you have a show!

Questions

1. What do you need for a shadow puppet show?

_____

_____

2. What kind of room should you find?

_____

_____

3. What happens when the puppet is close to the lamp?

_____

_____

4. What can two hands make?

_____

_____

5. Why does the puppet make a shadow?

_____

_____

Words to know

shadow: a dark shape made when something blocks light
puppet: a small figure that you move with your hands
dim: not very bright
blocks: keeps something from getting 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: _____

Shadow Puppets with a Lamp and a Wall

Square group

You can put on an entire puppet show with nothing more than a lamp and a blank wall. Here is how it works.

First, find a room that is dim. Switch on a lamp or a flashlight and aim it toward the wall. Next, hold a paper puppet in the space between the light and the wall. The puppet blocks the light from reaching the wall, so a dark shadow appears there.

Now try moving the puppet closer to the lamp. The shadow grows larger. If you move the puppet closer to the wall, the shadow becomes smaller and much sharper.

You can also make shadows using only your hands. Two hands can form a bird that flaps its wings. Add a story and a few funny voices, and you have a complete show!

Questions

1. What do you need to put on a shadow puppet show?

_____

_____

2. What kind of room should you find?

_____

_____

3. What happens when you move the puppet closer to the lamp?

_____

_____

4. What can two hands form?

_____

_____

5. Why does the puppet make a shadow on the wall?

_____

_____

Words to know

shadow: a dark shape made when something blocks light
puppet: a small figure that you move with your hands
dim: not very bright
blocks: keeps something from getting 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?

For the teacher: Shadow Puppets with a Lamp and a Wall

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

Circle: Shadow Puppets with a Lamp and a Wall

Easier · 101 words · Flesch-Kincaid grade -0.2

1. A lamp and a blank wall.
2. A dim room.
3. The shadow gets big.
4. A bird that flaps.
5. It blocks the light from the wall.

Triangle: Shadow Puppets with a Lamp and a Wall

This passage · 113 words · Flesch-Kincaid grade 1.6

1. A lamp or flashlight and a blank wall.
2. A dim room.
3. The shadow gets bigger.
4. A bird that flaps its wings.
5. It blocks the light from reaching the wall.

Square: Shadow Puppets with a Lamp and a Wall

Harder · 134 words · Flesch-Kincaid grade 3.3

1. A lamp or flashlight and a blank wall.
2. A dim room.
3. The shadow grows larger.
4. A bird that flaps its wings.
5. It blocks the light from reaching the wall.