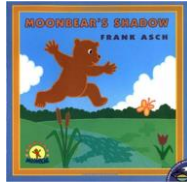




Let's Find Out About It: Shadows

Standards:

ATL.IC.PS.1, 3-4
 ELA.SL.CC.PS.1-3
 ELA.RL.KID.PS.1-3
 ELA.W.R.PS.1-3



Materials:

- Moonbear's Shadow
- puppets
- light source/flashlight
- large white paper or sheet
- child-made shadow puppets
- Transparent objects
- Translucent objects

Vocabulary:

- shadow
- surface
- puppet
- light source

Preparation: Gather materials. Set up screens and light sources.

Let's Find Out About It:

"In *Moonbear's Shadow*, Bear and his **shadow** have a similar **shape**, but sometimes they are different sizes."

"What about the shovel's **shadow**? What do you see? Light shone on the shovel's **surface** and created a **shadow**. What happened to the **shadow** as the **light source**, the sun, moved?"

"Here are **shadow puppets**. How can I change their **shadow** size?"

"An object's **shadow** changes when the object and **light source** are closer or further away from each other."

"Will this _____ (transparent object) create a shadow? Why do you think so?"

"Will this _____ (translucent object) create a shadow? Why do you think so?"

Show illustrations. Children respond.

Show pages that include the 4 shadows of the shovel. Children respond.

Show shadow puppets. Children respond.

Invite more discussion.

Show object, children respond, shine flashlight

Show object, children respond, shine flashlight