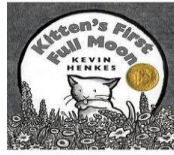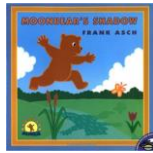# *Shadow Search*

Writing & Drawing

**Standards:**
ATL.RPS.PS.3-6
ELA.W.PD.PS.1
ELA.W.R.PS.1-2
M.G.PS.7 -8

## Materials:

- *Moonbear's Shadow*
- *Kitten's First Full Moon*
- children's *Classroom Maps*
- paper
- clipboards
- writing utensils
- flashlights

## Vocabulary:

- shadow
- surface
- block
- map
- search
- light (source)
- shine
- label

**Preparation:** Set up materials.

| **Intro to Centers:** | |
|---|---|
| "In *Moonbear's Shadow,* Bear's shadow followed him everywhere. What do you notice?" | *Show illustrations. Children respond.* |
| "At the end of the story, the sun, the **light source,** was at a different place in the sky. How did that affect Bear's shadow?" | *Show illustrations. Children respond.* |
| "In *Kitten's First Full Moon,* the kitten **blocked** the **light** from the moon. What do you notice?" | *Children respond.* |
| "Kitten's **shadow** is on the ground behind her." | *Show illustrations. Children respond.* |
| "Today in Writing and Drawing, you can **search** for **shadows** in the classroom using these materials. How can your *Classroom* **Maps** be helpful to you*?*" | *Show materials. Children respond.* |
| "You can **label** where you found **shadows** on your classroom **map.*"** | *Model.* |

***During Centers:***
Encourage children to collaborate, i.e., one child creates shadows with the flashlight, another child labels the map. Encourage children to experiment with changing shadow size by holding the flashlight closer and further away. Encourage children to create graphs to document their search, i.e, how many shadows were created with a natural/artificial light source, how many shadows were found in the different classroom areas, etc. Encourage children to search for shadows in other Read Alouds, i.e., Corduroy's shadow when the night watchman found him.

***Guiding Questions during Centers:***
- How many more/less shadows were created with a natural/artificial light source? How do you know?
- What part of the classroom had the most/least shadows? Why?
- How is searching for shadows similar to or different from searching for colors/reflections?
- How are the shadows you found similar to or different from the illustrations of shadows in *Moonbear's Shadow/Kitten's First Full Moon*?

***Thinking & Feedback:*** Invite children to share their processes. Encourage children to describe the challenges they might have encountered.

***Documentation:*** Collect samples of the children's work as well as photographs and/or video of their process; use the documentation to launch a discussion during Thinking and Feedback.

***Provocation:***
Document a school/neighborhood *Shadow Search* with child-made maps.