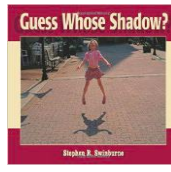
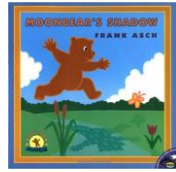


Small Groups: Shadow Tracings

Support: High

Standards:

ELA.IT.I.PS.1-2
ELA.IT.LTC.PS.1
ELA.W.PD.PS.1
ELA.W.R.PS.1-2



Materials:

- *Moonbear's Shadow*
- *Guess Whose Shadow?*
- large sheets of butcher paper
- black crayons
- black markers
- flashlights
- chalk (outside)

Vocabulary:

- trace
- shadow
- light source
- surface
- flat
- outline
- pose

Preparation: Set up materials.

Procedure:

Show illustrations in *Moonbear's Shadow* and images in *Guess Whose Shadow?* Review how shadows are created and what affects their size and shape. Model creating a simple shadow of your hand and tracing its outline.

Pair children and show materials for creating and tracing shadows of each other's bodies. Weather and staffing permitting, do this activity outside, using a natural light source.

Encourage children to stand in poses such as arms outstretched so that shadows have definition, rather than "blobs." Support children in collaborating, as standing still for a period of time can be a challenge.

Compare and contrast *Shadow Tracings* done outside to *Shadow Tracings* done inside.

Invite family volunteers to assist.

