

SOUNDS & SHADOWS

SATURDAY

TODAY'S CHALLENGE: CREATE SHADOW ART

Age Group: Whole family

Materials:

- Paper and something to draw with (pen, pencil, markers, etc.)
- A light source (lamp or the sun)
- Something that can be used to cast a shadow

Ideas:

- Line up toys and try tracing their shadows to create a scene.
- Try creating portrait silhouette art by taping paper to a wall, having someone sit in front of it, shining a lamp on them, and then tracing their silhouette. If you use colored paper, you can cut out the silhouette and glue it to another piece of paper!
- Create a small sculpture with foil, trace its shadow, and then attach the sculpture to the drawing.
- Try an abstract piece by laying paper beneath a tree. Trace the shadows cast by the branches and color in the shapes.

Guiding Questions:

- Where does the object need to be, relative to the sun (or other light source), to make a shadow?
- Why is the shadow a different size than the item casting the shadow?
- What might be the best time of the day to do shadow art? What might be the most difficult time of day?



Source: Mini First Aid via kidsactivitiesblog.com

Share photos & videos of your project!
#STEMWeekOR

Register your activity for a chance to win a prize! www.stemoregon.org/stemweek2021



DESIGN

May 08 - 16, 2021
#STEMweekOR2021

invent

Inspire



#RemakeLearningOregon