

# Parent Guide: Make A Sun Dial, Bear's Shadow, My Shadow

## 1. Make A Sun Dial

## 2. Bear's Shadow

## 3. My Shadow

# 1

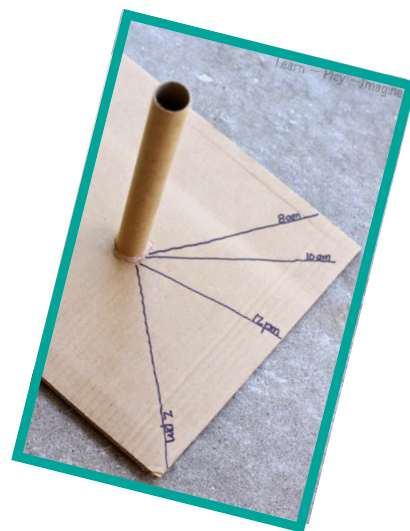
### Make A Sun Dial

Using a couple common supplies help your kiddos craft a sundial to talk about shadows and time! Check back on it throughout the day to trace the shadow and note the time.

#### Supplies Needed:

- hot glue gun (for parent use)
- cardboard square
- cardboard tube
- ruler
- sharpie

Join us on our Facebook page for instructions!



# 2

### Bear's Shadow

Teach your kiddos about light sources and moving shadows! Build a scene with more than just a bear and talk about how different items create different shadow sizes and shapes.

#### Supplies Needed:

- printable from website
- small bear (or other) figurine
- optional: other prop items (tree figurine, etc...)
- flashlight

# 3

### My Shadow

Go outside and trace your kid's shadow with chalk. Take note of where the sun is in the sky. Go back outside throughout the day and trace your shadow again and again! What happens to it? Does it move? Does it change shape or size?

Go on a walk with your shadows several times throughout the day...are your shadows leading or following?