WEEK 1: The Moving Sun

Observe how the sun moves throughout the day.

MATERIALS NEEDED
• Chalk
• A partner

STEPS:

1. Choose three times of the day to go outside and measure the sun. The best times are mid-morning, noon, and mid-afternoon.

2. Take turns drawing each other’s shadow on the concrete. Draw a line down the middle of your shadow.

3. For the next two times stand in the exact same spot as you did the first time. Repeat step two.

4. Compare the lines down the middle of each shadow. What do you notice?