

Experiment

Shadows Change

Supplies:

1. Paper
2. Object
3. Markers
4. Tape



Directions:

1. In the morning, gather your supplies and find a sunny concrete spot (sidewalk or driveway) outside that would be free from traffic (foot or automobile).
2. Tape the paper to the safe spot.
3. Place the object on the paper so that its shadow shows on the paper.
4. Trace the shadow on the paper and label it with the time of tracing.
5. Return to the experiment every hour or so and trace and label the shadow. Do this a few times in the morning and a few times in the afternoon and evening.