

Activity 2 Student Sheet

Fill two cups with soil, water, and gravel. Place one cup in the shade and the other cup under a heat lamp or in direct sunlight.

1. Record the temperature of each every two minutes for five intervals, for a total 10 minutes.

2. Make observations about data.

3. Inquiry:

∕ Which material warmed up the least?

∕ Which absorbs more of the sun's heat (energy) – water or soil or gravel?

∕ Would the air temperature above water be cooler or warmer than the air temperature above land?