



Does It Soak Right In?

Student Data Sheet

Group _____

GROUP JOBS

As a group, choose who will be responsible for each task.

Timekeeper: times the water as it soaks into the surface

Name: _____

Data Recorder: records results in the Data Chart

Name: _____

Keeper of the Can: pushes the can into the testing surfaces

Name: _____

Water Pourer: pours the water (group members assist in measurement of water)

Name: _____

Observer: observes what happens to the water and leads group in deciding which data to record

Name: _____

PREDICTIONS

What do you think will happen with each different land surface? Write your predictions below.

Surface A: _____

Surface B: _____

Surface C: _____

Surface D: _____

PERCOLATION TEST

Directions:

1. Place the coffee can on the testing surface. Push the can down about 1/2 inch into the surface of the ground (if possible).
2. Pour 1/2 cup of water into the can.
3. As soon as the entire 1/2 cup of water is poured into the can, time how long it takes for the water to soak into the surface. Stop timing when all the water has soaked in. *If there is still water above the surface after 5 minutes, stop timing and measure the amount of water left in the can, using your ruler.*
4. Write the time in the Data Chart below.

DATA CHART

Surface	Time	Amount of water left in can
A:		
B:		
C:		
D:		