



**Name** \_\_\_\_\_



**MASTER 2.3, INVESTIGATION 2:  
SOIL AND SPACE**

1. Get a set of three clear plastic cups containing soil from your teacher.
2. Measure the height of the soil in each cup. Write your measurements (dry soil height) in the chart below.  
Draw a line on your cup to mark the level of the soil or sand.
3. Slowly pour one small cup of water into each cup of soil. Measure the height of the water level in your chart.



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<b>CUP</b>	<b>SOIL TYPE</b>	<b>SOIL HEIGHT BEFORE ADDING WATER</b>	<b>SOIL HEIGHT AFTER ADDING WATER</b>	<b>WATER LEVEL HEIGHT</b>
<b>1</b>	Potting soil			
<b>2</b>	Local soil			
<b>3</b>	Sand			

**QUESTIONS**

1. What did you notice about the water level of the three cups?
  
  
  
  
  
  
  
  
  
  
2. Why do you think the water levels are different?