FLINN SCIENTIFIC

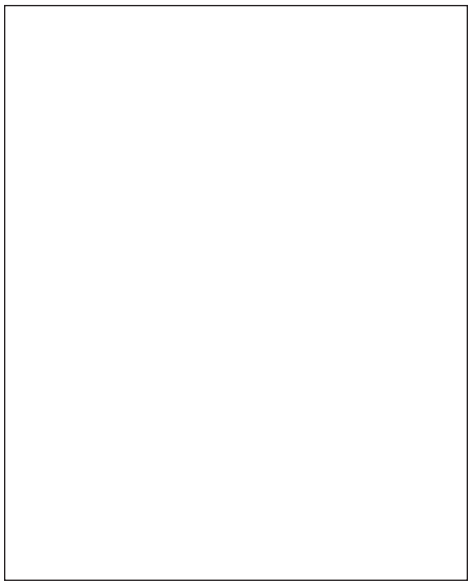
Name_____

Bits and Pieces Data Tables

Activity A Post-Lab Questions

1. As soon as the bottle was set on the table, what began to happen inside?

2. Draw the sediment pattern below.



3. After most of the motion stopped inside the bottle, what pattern of sediments emerged?

4. This pattern developed because flowing water (like a stream) deposited the particles. What general observation can be made about the size of the particles that are deposited first by stream water? Circle one. (The largest are deposited first/the medium sized particles are deposited first/the smallest particles are deposited first.)

5. What general observation can be made about the size of the particles that will be deposited last by running or flowing water? Circle one. (The largest are deposited last/the medium sized particles are deposited last/the smallest particles are deposited last).

Activity B. Table 2. Particle Measurements

	Particle Size (mm)					
Sediment Particle	**A**	**B**	**C**	**D**	**E**	**F**
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
Average						
Class of Particle						

Activity B Post-Lab Questions

1. Why is it important for geologists and archeologists to classify different sediment particle sizes?

2. List samples A–E in the order you would expect them to settle?