

Particle Size Demonstration

Add clean sand to a plastic bottle filled with water.



Add silt and clay to a separate bottle filled with water.



Sand will settle rapidly.



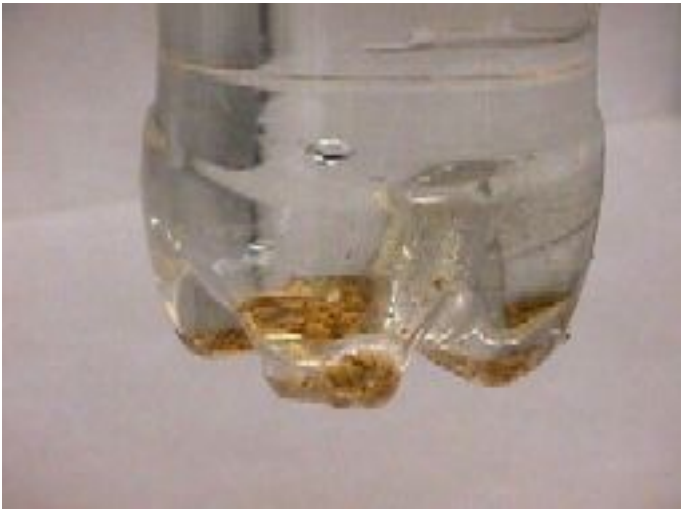
Silt and clay will settle more slowly.



Shake up the bottles and observe how long it takes for the particles to settle.



Observe the difference in the clarity of the water. The water is mostly clear in the bottle with the sand.



Note the sediment in suspension in the water of the silt and clay bottle.



