



MINI WATERSHEDS

Objectives: understanding the influences of a watershed and observing drainage patterns within a watershed.

Materials needed:

1. pan or shallow and long container
2. spray bottle with water
3. random sizes objects
4. a plastic sheet (can be a garbage bag, shower curtain, etc.)
5. food colouring or markers

Instructions:

1. place the pan or container down with the objects scattered on top
2. lay the plastic sheet over top the objects, making sure there's some ridges
3. fill your spray bottle with water and spray the highest object with water.
4. After you observe this, then add food colouring or colour (representing fertilizers, runoff and other pollutants) onto the plastic and repeat the experiment

QUESTIONS TO THINK ABOUT...

What does the water represent?

Where does the water come from?

Describe what happened at the highest point and the lowest point in your watershed.

What happens when we add "pollution"? Did they mix together? Where did they end up?

Do you know what watershed YOU live in and where it empties?



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