



CRUMPLED PAPER WATERSHED

Supplies:

2 Pieces of Plain White Paper, Washable Markers (blue, black, red & brown), Spray Bottle of Water

1. Start with 2 plain white sheets of paper and 4 washable markers- blue, black, red, and brown.
2. Crumple up one piece of paper into a ball and then gently press it back down, leaving some of the bumps.
3. Use the blue marker to color on the high points of the crumpled paper. They represent hills and ridge lines.
4. Use a spray bottle to spritz water onto the paper and watch what happens. Where does the water (blue marker) go? (Set this paper aside.)
5. On a fresh piece of paper, draw houses with the black marker, a farm with the brown marker, and a factory with the red marker.
6. When you finish drawing, crumple up the paper and press it back down gently (like you did in step 2).
7. Color the blue “ridge lines” (like you did in step 3). Spray with water (like you did in step 4).
8. What do you see happening now? Are the colors mixing together? Think about different types of pollution that could come from these places and how it could impact the water quality in a watershed.

Source: Alice Ferguson Foundation, Hard Bargain Farm Environmental Center