

Floating ink/picture- experiment

ELECT:4.5; Comparing results with peers

Materials needed:

1. Water jug
2. Dry erase markers, any colour (new dry erase markers work better)
3. Dinner plate
4. Towel/ paper towel to protect your surface.

How to make dry erase ink, float:

1. Test your markers
Make sure ink is flowing well
2. Draw shapes.
Stick figures, solid shapes, hearts, numbers, letters
3. Add water
Add water to the dish close to the edge of the drawing.

Within seconds, you will see the dry erase ink reacting with the water and the edges of your drawing will begging to lift. As you add more water the ink will lift away from the bottom of the dish and float to the surface of the water.

Note: Some of your drawings may only lift a little and some might not lift at all. The results are different with every picture or every time you try.

Questions and observations:

- Try using cold water and warm water and observe the results.
- Try and pick up the floating pictures and see what happens.
- Do solid shapes float better then stick figures or letters?
- Is there a colour ink that works best?

