

Shale Recipe

Materials for each group of four students

- 3 Heaping spoonfuls of powdered clay
- 2 Heaping spoonfuls of plaster of paris
- 30 ml Water
- 1 Plastic cup
- 1 Plastic spoon
- 1 1/2-liter container with sandstone layer (basin)
- 1 Paper towel

Instructions

1. Go to the clay station and put 3 spoonfuls of powdered clay in a plastic cup.
2. Go to the plaster-of-paris station and add 2 spoonfuls of plaster of paris. Mix the dry clay and plaster of paris thoroughly.
3. Go to the water station and add 30 ml of water to the cup. You can come back later for more if you need it.
4. Mix the dry materials and water with a plastic spoon. The mixture should be fairly thick, like cookie dough. You should be able to spoon it out. You can add more water if you need it, but **be careful not to add too much**. The mixture should not be runny.
5. Spoon the clay mixture onto the sandstone layer in your basin. Smooth it out with the spoon.
6. Use a paper towel to clean off the spoon. Throw the paper towel away.
7. When you have completed these tasks, bring your basin to the storage area.

WARNING — This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.

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