

Homemade Sidewalk Chalk

Materials

- Toilet paper tubes
- Scissors
- Duct Tape
- Small bucket or disposable container for mixing the recipe
- Wax paper
- $\frac{3}{4}$ Cup warm water
- 1 $\frac{1}{2}$ Cup Plaster of Paris
- 2-3 tablespoons of different color tempura paint
- Paper bag or a “mess mat”

Directions

1. Cover one end of each toilet paper tube with duct tape in order to keep the chalk material inside the tube.
2. Line each toilet paper tube with wax paper allowing the paper to stick out the top of the tube. This keeps the mixture from sticking to the tube. (use a 6”x6” piece and roll it loosely and insert into the tube)
3. Place tube, tape side down onto a cookie sheet, box lid or other flat movable object to be able to transport your chalk to a drying location.
4. Pour warm water into your mixing bucket and sprinkle in plaster of paris and stir. If you want to make other colors, spoon $\frac{1}{2}$ to $\frac{3}{4}$ cup of the mixture into separate containers.
5. Add one color of the tempura paint to the mixture and stir.
6. Pour or spoon the colored plaster of paris mixture into the prepared tubes.
7. Lightly tap the sides of the tubes to release the air bubbles to prevent holes from forming in the chalk.
8. Move filled tubes to a drying location where they can sit for about 3 days.
9. On the 3rd day, remove the tape so the bottom can dry and when it is all dry, peel off the toilet paper tubes and wax paper. Your chalk is ready!

Once completed with the activity, please fill out the [Post Activity Evaluation Form](#)



Source:

<https://docs.google.com/forms/d/132TRIX9aWHZRJqM8q0uPzUQbAJmf70NyzZKHjAGxxRo/edit>