

DIY Chalk

Experiment Time: 3 days

Experiment Type: Hands On

Experiment Link:

<https://www.kidspot.com.au/things-to-do/activity-articles/how-to-make-your-own-eggshell-chalk/news-story/041ab8334eebedbaebcd6a52a9d5fe63>



Ingredients:

- 6-10 eggshells (dry)
- 4 tablespoons of flour
- 4 tablespoons of hot water
- Paper towel sheets
- Large bowl for mixing
- Mixing utensils
- Pestle and Mortar/ Coffee Grinder (some way to crush eggshells into powder)
- Food coloring (optional)

Directions:

- Crush the dry eggshells into a fine powder
- Mix eggshell powder with hot water, flour and food coloring until you get a paste
- Add more flour or water accordingly so that you can grab the chalk and mold it into a cylinder (recommend breaking into smaller pieces so that it dries faster)
- Roll your chalk dough tightly within paper towel sheets and let it sit out for at least three days

Notes:

- An alternative method to crushing the eggshells is placing them in a Ziploc bag and pressing a rolling pin over them
- Ingredients may vary from person to person, add more water if it's too dry and add more flour if it's too wet
- When appropriate, have an adult assist with attaining the hot water
- Be careful of eggshell allergies since it is the main ingredient
- The chalk can take longer than three days to dry, try leaving it in the sun to help the process