

PLAQUE SLIME

Make "plaque" slime and discover how it sticks to egg carton "teeth".

Materials: egg carton, corn starch, white glue, spatula, ziplock bag, paper towel, magnifying glass (optional)



1. Make your slime: add as much white glue to a ziplock bag as you want. Add cornstarch at a ratio of 2:1 (twice as much cornstarch as glue). Mix thoroughly.
2. Place the bottom of an empty egg carton upside-down on a paper towel.
3. Pretend the egg carton is a set of teeth. Pour your slime over the "teeth", then challenge your child to remove the plaque with their fingers or an old toothbrush. Is there any left behind? You can use a magnifying glass to investigate.
4. Explain: Plaque grows over our teeth when they're not kept clean. Brush at least twice a day and floss to keep plaque off your teeth!
5. You can set the egg carton out to dry and check back the next day. Explain that the slime plaque has hardened, just like real plaque hardens into tartar when it's not removed. Tartar can only be removed by a dentist, so it's important to not let plaque form and dry on our teeth!