

CRUNCH TIME

Cornflour Slimeball



INGREDIENTS:

450g Box of cornflour
Jug of water (approximately 350ml)
Green food colouring
1 Raw egg

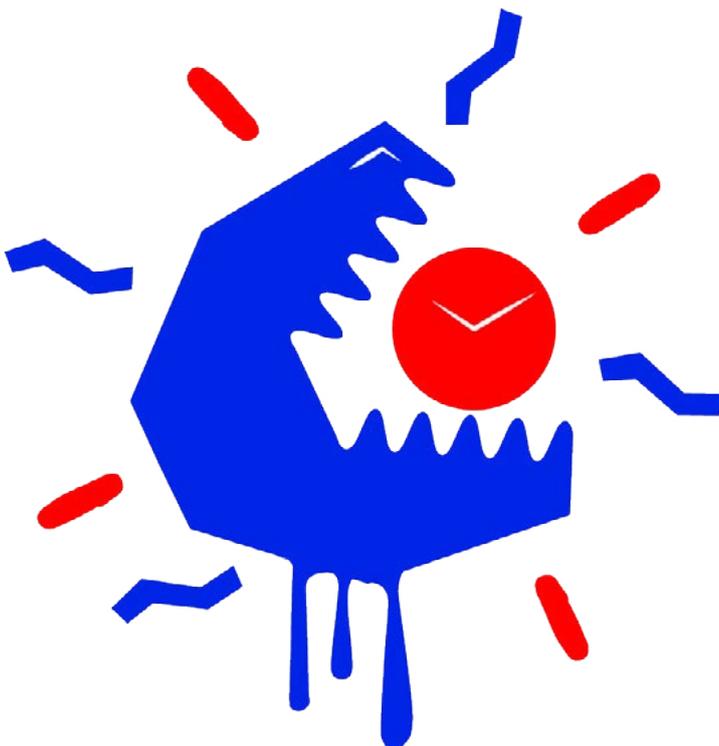
EQUIPMENT:

Large glass mixing bowl
Wooden spoon
3 x lab coats
Rectangle cake tin
Spoon
Clear zip-lock bag
Small bowl



METHOD:

1. To make the cornflour slime, pour most of the cornflour into the bowl
2. Add five drops of food colouring to the water
3. Gradually pour small amounts of water in and mix slowly with the wooden spoon until the cornflour and water have blended together and the slime is a thick consistency like custard or honey. You can add more cornflour to make the slime thicker, or more water to make the slime thinner
4. Put your hands in and run your fingers through the liquid
5. Slimeball Experiment. Now scoop some slime in your hand and, working quickly, roll it in to a slimeball between your palms. As long as you keep pressure on it, the solid mixture will keep the shape of the ball. Pass the ball from one hand to the other
6. As soon as you stop the slimeball will return to liquid and slip through your fingers. Explain why
7. Let's see if we can make a slimeball and then throw it to each other before it turns back to slime
8. Punching Slime Experiment. Pour the slime from the bowl into a rectangle cake tin. Run your fingers through the slime. Then punch the mixture quickly with your fist. You would expect most fluids to splash, but you'll find this mixture instantly turns hard. Explain why
9. Egg Experiment. Let's see how the slime can protect a raw egg. Spoon some of the slime into a clear zip-lock bag until it is two-thirds full, then gently push the raw egg into the mixture. Seal the bag tightly
10. Find a clear area where you can safely drop the bag from a height of around 2 to 3 metres
11. Before the drop, ask the kids to guess what they think might happen. After the drop, explain why
12. Crack the egg into a bowl to show that it was raw



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