

GLOW-IN-THE-DARK MAGIC MUD

YOU WILL NEED:

- 2 cups cornstarch
- 1 cup tonic water
- DIY bluelight
 - smartphone, clear tape, blue marker
- Large bowl
- Spoon

WHAT TO DO:

- Pour the cornstarch into the bowl.
- Mix in the tonic water until smooth.
- Make your bluelight
 - Place a small piece of tape over the light on your phone.
 - Color over the light with the blue marker.
 - Repeat 2-3 times with additional tape.
- Take your magic mud into a dark room.
- Turn on your bluelight.
- Enjoy the glow!

THE SCIENCE BEHIND THE GLOW

- Tonic water contains quinine, a chemical that absorbs light and re-emits it as a visible glow.

IDEAS FOR EXPLORATION

- Look at your slime in different kinds of light (natural light, flashlight, bluelight, etc.)
- Make a second batch, using regular water in place of tonic water. Compare the results.

