

Mortimer's MAGICAL LAB

by Megan K Palmer

Make Your Own Magical Goo

Learn about chemical reactions as you make this stretchy goo or slime. When you combine the Elmers glue and borax it starts a chemical reaction. This chemical reaction turns the goo into a polymer is a mixture with repeating making cross-linking bonds with repeating structruters. This is what makes it so it can stick to itself and feel so gooeey.

How long will it take?

10-15 minutes

What do you need?

- 4 ounces Elmer's Glue
- 1 t borax
- 1 ½ cup of water
- Food coloring (optional)
- Two bowls for mixing



Steps

1. Gather the supplies
2. Mix 1 t borax with ½ cup water in one bowl until dissolved
3. Mix 4 ounces Elmer's glue with 1 cup of water
4. Add food coloring to the glue mixture
5. Mix the Elmer's glue mixture and borax mixture together
6. This should make a chemical reaction and SNAP you have goo!

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Make Your Own Chocolate Pudding Cups

Create another chemical reaction with cooking up your favorite pudding cup. When the milk combines with the cornstarch, another chemical reaction occurs, thickening the pudding.

How long will it take?

20-25 minutes

Steps

1. Gather the supplies
2. Make the pudding
3. Make sure to let it cool
 - a. Option to make two puddings and create layers.
4. In a smaller cup, layer the pudding and mix-ins.
5. Serve with a spoon



What do you need?

- Your favorite pudding (instant or cook-and-serve)
- Oreos
- Favorite gummies
- Marshmallows
- bowls for mixing

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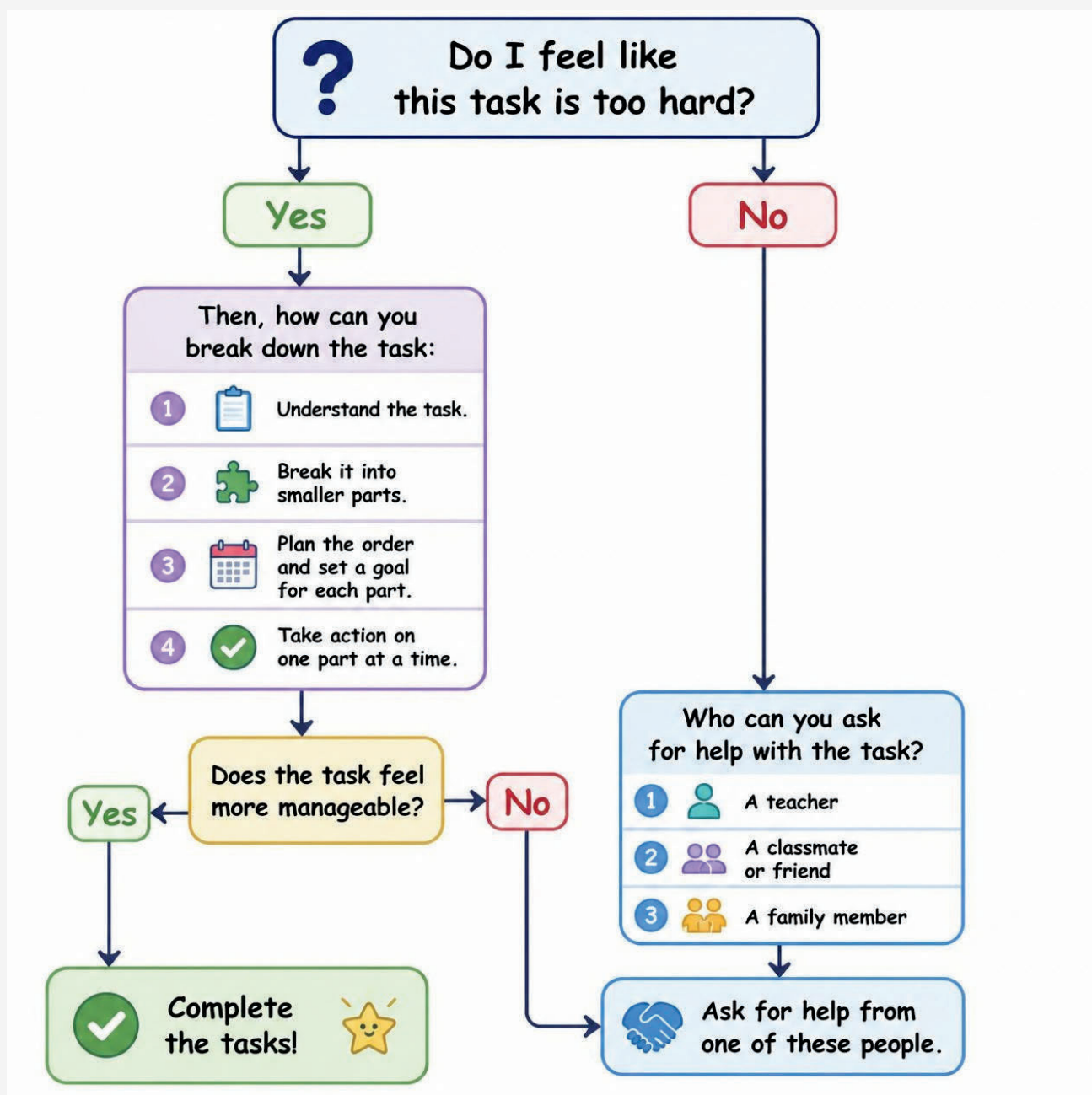
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How to Work Through a Challenge Worksheet

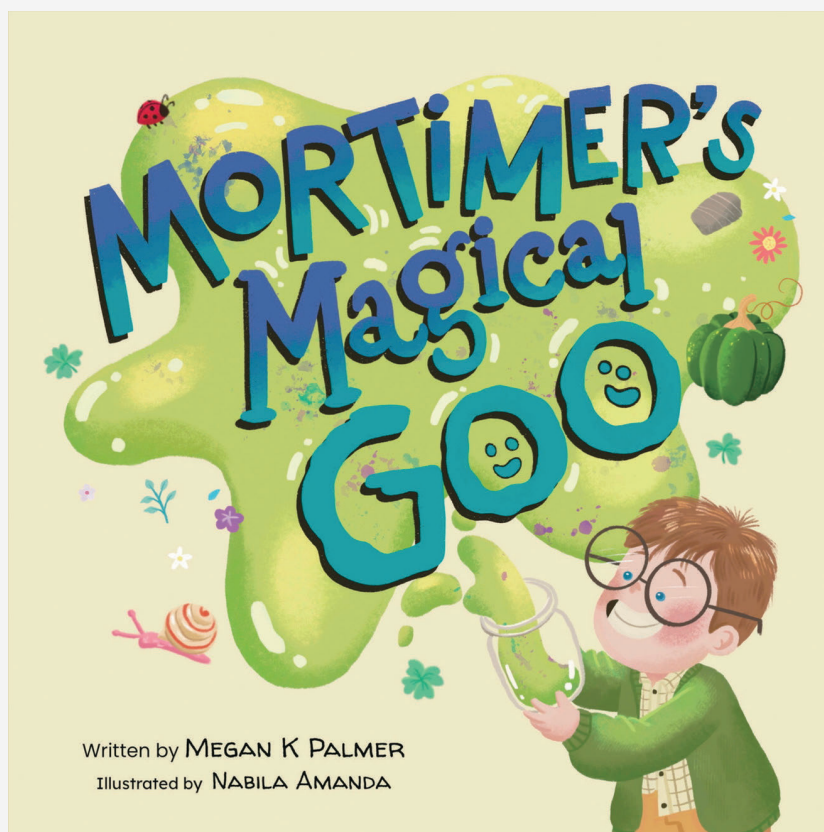
Mortimer got stuck when he was working through just daily task. Here are some ideas of how to work through a challenge.

How long will it take?

3-5 minutes



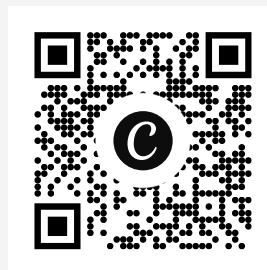
Interested in Reading MORTIMER' STORY?



Mortimer doesn't want to clean his room. When he discovers magical goo that will do it for him, it feels like the perfect solution! When Mortimer realizes the goo costs him a lot in return, he is left wondering if he should use the goo or face the boring hard chores he has to do every day.



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