

Colourful Milk Challenge

Simple science experiments using kitchen and pantry items are fun to do and a great way to help your kids learn. Try this colourful milk swirl experiment. Just watch the video tutorial to show you how.

<https://www.youtube.com/watch?v=O-9ycL0aS7U&t=60s>

What you need:

- 1 cup full-cream milk (skim milk contains too much water to be effective with this experiment)
- 4 different food colourings (you have to use the standard ones, natural ones are not as concentrated and so don't work as well)
- Dishwashing liquid
- A medium-sized bowl

Activity:

Now try for yourself. Make your own video or take photos as you go through each step.

Instructions.

1. Pour _____
2. Place _____
3. Add _____
4. Watch _____

Follow-ups:

1. How many different colours did you make? Make a list of them.
2. Draw a picture for each step (4 in total).
3. Write a set of instructions for each step.
4. Research and explain the science behind it. Why does it work?
5. Share your challenge activity with your teacher.

