

SCRUMPTIOUS SKITTLE EXPERIMENT

Get ready to create some science magic with this scrumptious skittle experiment!

Art meets science with this Do-It-At-Home Activity, as we combine the scientific principle of density along with painting to create beautiful skittle art on a plate!

Why do you think the colours don't mix?



WHAT YOU NEED

- Skittles
- Round Plate
- Warm Water (1 cup)

INSTRUCTIONS

Step 1

Place your skittles around the edge of the plate. For the best results, place them in a repeating pattern of colours - red, green, yellow, purple, orange and then repeat! Continue this until there are no gaps left around the plate.

Step 2

Slowly pour the cup of warm water over the skittles until they're half sub-merged and then just wait, observing what is happening.

Step 3

You will see that the skittles start to colour the water, however the colours don't mix! You will see a separate stream of colour for each skittle.

Why does that happen? Well there's actually different amounts of sugar in each skittle, so when the skittle dissolves in the warm water, it creates a liquid with a different density and liquid with different densities don't mix! Cool huh?

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VIDEO NOW

