



Name: ..... Form: .....

Based on pages 22 and 23 of *Changing from solids to liquids to gases*

# Investigating slime

Try this...

1. Put six heaped tablespoons of flour in a bowl.
2. Add two and a half, flat tablespoons of salt.
3. Mix the flour and salt together.
4. Add half a tablespoon of cooking oil.
5. Add eight tablespoons of water.
6. Add a few drops of food colouring.
7. Mix all the ingredients together. You have made slime. If you put some on a tablespoon and turn the tablespoon vertically the slime should drop very slowly off the spoon.
8. Divide your slime into four parts and put each part in a separate bowl. Label them A, B, C and D.
9. You are going to add one tablespoon of each of the ingredients to each slime and stir it in. Then you will hold the slime on a tablespoon, turn the tablespoon vertically and watch the slime. Before you do this you must predict what you think will happen, then record your prediction in the table and carry out the test. Record the results in the table.

Slime	Add a tablespoon of	Prediction	Result
A	Water		
B	Cooking oil		
C	Salt		
D	Flour		

Looking at the results.

10. How good were your predictions?



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11. What would you add to make a runnier slime?



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12. What would you add to make a slimier slime?



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