

Lesson 5: Material World

- I can report or present findings from enquiries.

**Quiz Time!**

Reversible or irreversible change?

	Irreversible Change	Reversible Change	If reversible, how?
Heating a bread dough in an oven			
Melting chocolate			
Frying an egg			
Evaporating water			
Melting candle wax			

**Investigation Time!**

Follow the investigation sheet and fill in the empty sections.

Question

What will happen when mixing corn flour and water?

Prediction

EquipmentA large bowl, 100 g of corn flour, $\frac{1}{2}$ a cup of water, a wooden spoon to stir (optional)**Method**

Put the corn flour into the bowl and add water. Mix with the wooden spoon (or your hands for more fun!)

Observations



Conclusion

Well done, you have made a Non-Newtonian fluid!

It is neither liquid nor solid; when you try to take it in your hands, it dribbles, but when it is in the bowl, it seems solid. How extraordinary!

Write a small scientific report to present your findings.

[illegible]