



Super Shiny Pennies



The challenge

Who can make the shiniest coin?

Instructions

Take a picture of the penny before you put it in the liquid.

Put a dirty penny in the cup and cover it with lemon juice.

Wait ten minutes then remove the penny and wipe it off with a paper towel.

Has it become shinier?

Take a photo afterwards

Try the tomato sauce, the Worcestershire sauce the vinegar and water to see which works better.

Make sure that you leave each one in the liquid for the same amount of time.

What you will need

Lemon Juice

Dirty Pennies or 2 pence coins

A cup

Paper Towels

Tomato Sauce

Water

Worcestershire sauce

vinegar

Parents instructions

Take some photos of your family enjoying some family Science and email them directly to Mrs Carling. On

scienceclub@silsden.bradford.sch.uk

Questions to think about

What is a penny made from?

Which liquid worked the best? Why do you think that worked?

What is in each liquid that cleans the coin?

Try the liquids with a ten pence coin or a pound coin. Does it still work?



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