

The Science Behind the Experiment

A Guide for Adults

By using the cocktail stick to bruise the banana skin, some of the banana's cells become damaged. This allows oxygen from the air in to the cell, which in turn causes the enzymes in the cells to start to oxidise chemicals in the cell. Melanin is produced, which is brown in colour.

*Cocktail sticks can be very sharp. Children should be closely supervised during this activity and encouraged not to put the sharp end of the cocktail stick near their skin.

Science Experiment

Message on a Banana

Can you use your cocktail stick to draw a picture on the banana skin?

What colour has your picture become?

