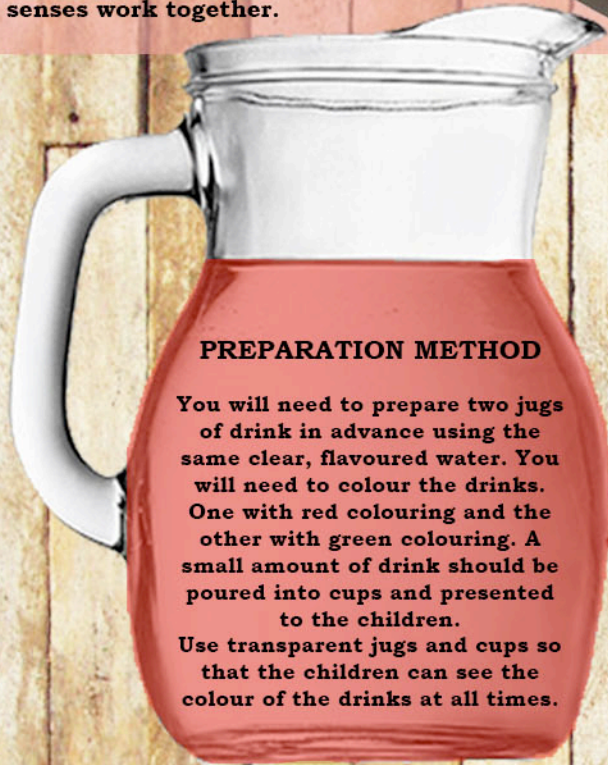
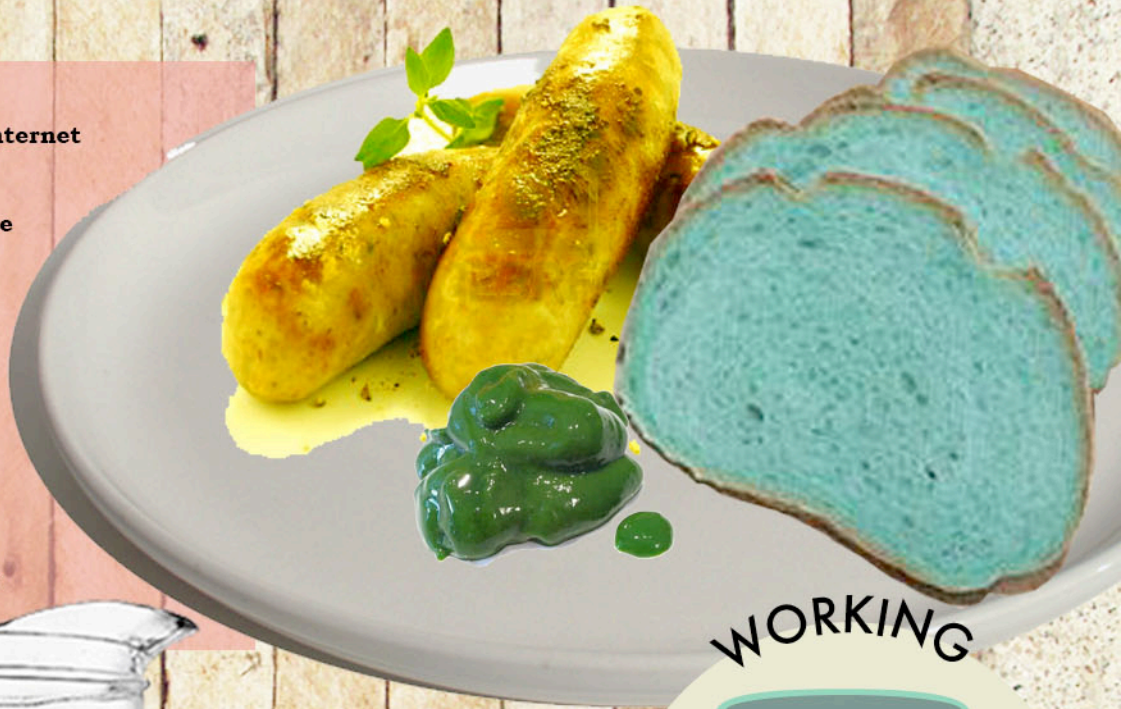
**Story Starter**

You found a great story on the internet about a scientist who cooked an unusual dinner for a group of friends. He used exactly the same food he had given them the week before, only this time he prepared it with different colours. The smell, texture and taste of the food had not changed. During the meal, the scientist learnt some very important things, he even wrote a journal article about his findings. This has helped other scientists to understand more about how our senses work together.

**PREPARATION METHOD**

You will need to prepare two jugs of drink in advance using the same clear, flavoured water. You will need to colour the drinks. One with red colouring and the other with green colouring. A small amount of drink should be poured into cups and presented to the children.

Use transparent jugs and cups so that the children can see the colour of the drinks at all times.

**SAFETY**

If taste testing is taking place, you must ensure you have up to date information relating to any food allergies children may have and take appropriate precautions.

**WORKING****SCIENTIFICALLY**

- Planning different types of enquiries to answer questions
- Taking measurements
- Recording data and results of increasing complexity
- Using test results to make predictions
- Reporting and presenting findings from enquiries
- Identifying scientific evidence that has been used to support or refute ideas or arguments

**OUTCOMES AND IMPLICATIONS:**

Just by looking at a food we make a decision about what it may taste like and whether or not we want to eat it. Chefs in top restaurants know how important it is that each plate of food is carefully designed and presented to make the meal look delicious. This is why food and drinks companies research their market to make sure all their products 'look' appealing for maximum sales.

**N/C link LKS2:**

Children should describe the simple functions of the digestive system in humans. Elsewhere, they should explore the rest of the digestive system parts, through activities such as modelling the digestive system. This should include work on the teeth

**RESOURCES**

- Red and green food colouring

In Kit