

Digestive System Investigation

You will need:

- Wheat biscuits cereal
- Orange juice
- A small, clear plastic bag
- A pair of tights
- A metal dish
- Two paper cups

Instructions

1. Place several wheat biscuits into the plastic bag (stomach).
2. Pour a small cup of orange juice (the stomach acids) and some water (saliva) into the bag.
3. Squeeze the bag until the contents are mushy. This represents food being broken down in the stomach.
4. Carefully, pour the contents of the 'stomach' into one leg of the tights (small intestine).
5. Squeeze the tights over the dish. The liquid that pours out represents the nutrients our body needs.
6. The leftover food in the tights is the waste that is no longer needed by the body. Cut a hole in the bottom of a paper cup (the large intestine) and place the solidified waste inside.
7. Insert another cup on top of the waste. Use it to push the waste through the hole in the bottom of the first cup. Your body has now got rid of what it does not need!

