

# Science Play

Suggested Activities For Educators

Extend your students' learning after their visit to KidsSTOP™ with the activity provided!

## Wonderful Body How digestion works



**1. Tear bread into smaller pieces.**

Digestion starts from the mouth as your teeth chew the food into smaller pieces.

**2. Add water into the bowl.**

While chewing, saliva will help to break down the food so that it will move easily through the food pipe (oesophagus).

**3. Add vinegar.**

The stomach produces digestive juices to break the food down into smaller pieces.

**4. Squeeze and mix the food.**

Muscles in the stomach mix the food with the digestive juices.

**5. Remove solids onto a towel and dry them.**

The towel acts as the small intestine, which absorbs the nutrients. The small intestine further breaks down the food and absorbs the nutrients. The chemical digestion is completed at the small intestine.

**6. Transfer the food to a larger piece of towel.**

This towel acts as the large intestine, which absorbs any remaining water. The large intestine helps to absorb water and store food waste.

**7. Lastly, food that is not digested is removed from our body as waste.**

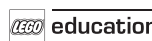
### What you will need

- Bread
- Water
- Vinegar
- Towels (big and small)
- Bowl



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## QUESTIONS TO ASK

- Why do we need to break food down into smaller pieces?
- What happens to the food that our body does not need?
- What happens if the unwanted materials in food that we don't need stay in our body?



## SCIENCE CONCEPTS

- Digestion is the process where food breaks down into smaller pieces. Your body will absorb these smaller pieces to get vitamins and minerals.
- Food that is not digested gets removed from our body when we pass motion.



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