

## What's Inside- Science

This half term our topic will have a scientific focus. The children will go on a voyage of discovery to investigate the busy world inside your body. They will focus on the digestive system and consider the importance of their teeth and dental hygiene. It should be a fun packed half term.

### Did you know?

1. The average person produces 2 pints of saliva every day. That is 32 ounces, or 2 cans of soda.
2. The muscles in your oesophagus act like a giant wave. That is what moves food or drinks down to your stomach. This wave action is called peristalsis.
3. The second part of your small intestine is called the jejunum. That's just fun to say!
4. Enzymes in your digestive system are what separate food into the different nutrients that your body needs.

### Key Vocabulary

Mouth - Where saliva is added to food

Saliva - Lubricates food and chemically digests it in the mouth

Salivary glands- Produce amylase

Teeth- Mechanically digest food in the mouth

Oesophagus- Carries food to the stomach

Peristalsis- Wave of muscle contractions which pushes a bolus of food down the digestive tract

Stomach- Where food is stored, digested and sterilised

Bacteria- Killed by acids in the stomach

### Organs that help with digestion, but are not part of the digestive tract, are the:

- Tongue.
- Glands in the mouth that make saliva.
- Pancreas.
- Liver.
- Gallbladder.

