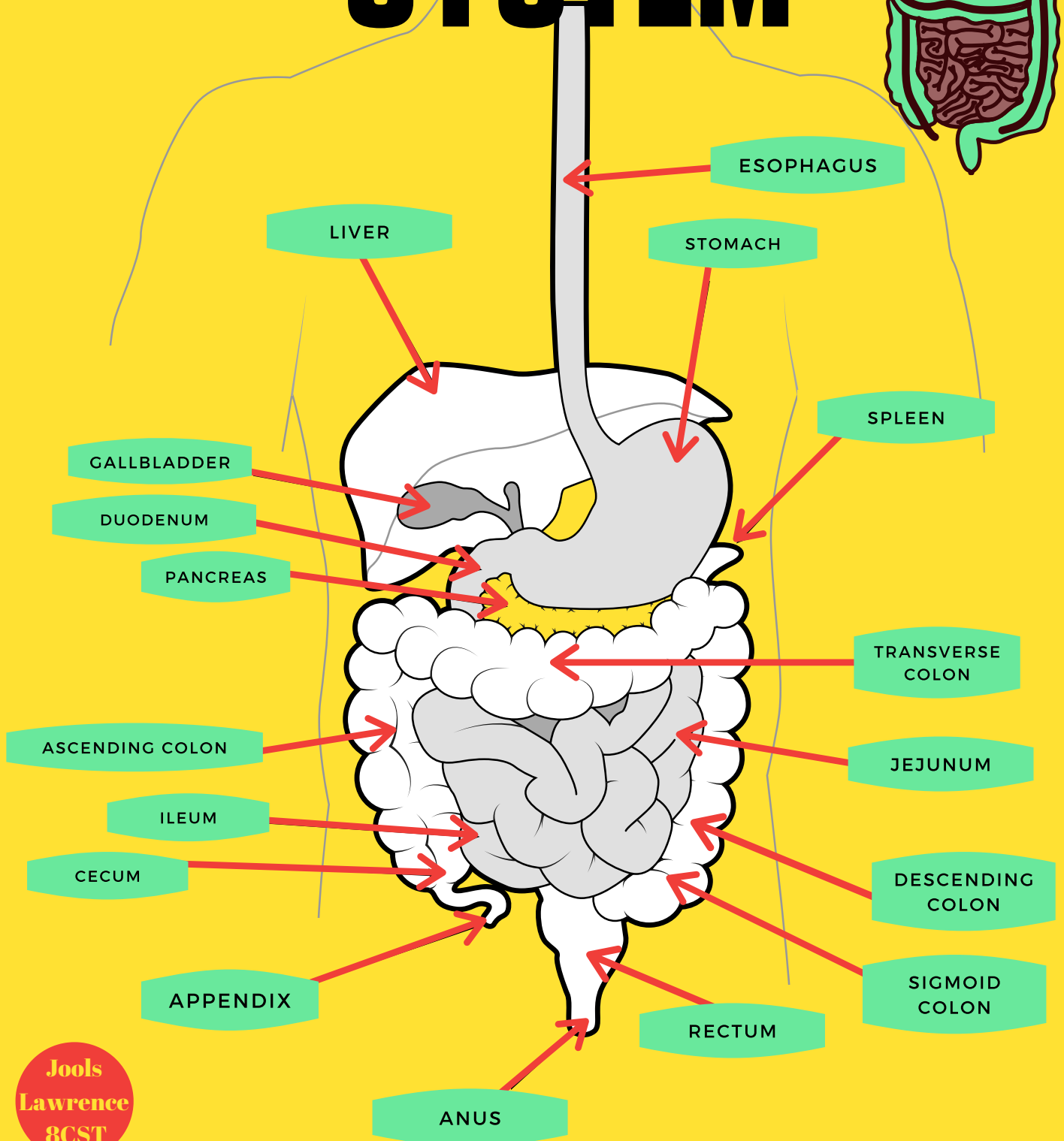
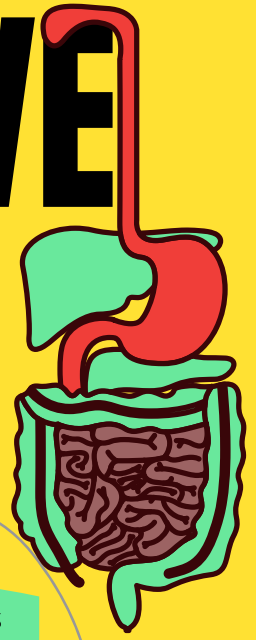


• MOUTH • PHARYNX • OESOPHAGUS • LIVER • STOMACH

THE DIGESTIVE SYSTEM



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• STOMACH • LIVER • OESOPHAGUS • PHARYNX • MOUTH

• PANCREAS • GALLBLADDER • SMALL INTESTINES • LARGE INTESTINES • RECTUM • ANUS

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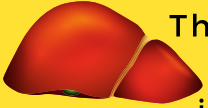
THE DIGESTIVE SYSTEM



ESOPHAGUS

The esophagus is the hollow tube that leads from the throat to the stomach. Food does not just fall through the esophagus into the stomach. The walls of the esophagus propel food to the stomach. It also produces an enzyme called amylase.

LIVER



The liver's main job is to filter the blood coming from the digestive tract to the rest of the body. The liver produces several enzymes including alanine, transaminase, aspartate transaminase, alkaline phosphatase, and gamma-glutamyl transpeptidase.

STOMACH

The stomach is a muscular organ which receives food from the esophagus. The stomach secretes acid and an enzyme called pepsin which helps digest food.



PANCREAS

The liver's main job is to filter the blood coming from the digestive tract, before passing it to the rest of the body. It also produces three enzymes called amylase, proteases and lipase.

GALLBLADDER

The gallbladder is a small pouch like organ in the upper part of your tummy. It stores an enzyme called bile, a fluid produced by the liver that helps break down fatty foods.



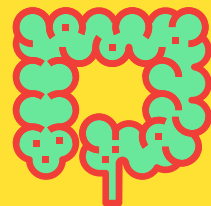
SMALL INTESTINE



The small intestine's job is to absorb most of the nutrients from what we eat and drink. It also produces enzymes called trypsin and chymotrypsin.

LARGE INTESTINE

The large intestine is the portion of the digestive system mostly responsible for absorbing water from the indigestible residue of your food.



RECTUM



The rectum is a part of the lower gastrointestinal tract and connects to the anus. The rectum follows the shape of the sacrum, and it is where faeces are stored before their release via the anal canal.

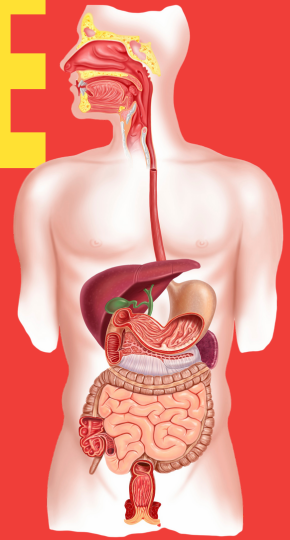
ANUS

The anus is the opening where the gastrointestinal tract ends and exits the body. The anus starts at the bottom of the rectum.



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THE DIGESTIVE SYSTEM



DIGESTION QUESTIONS

1. What does the digestive system do?

It is responsible for taking whole foods and making them into energy and nutrients for the body.

2. What are enzymes?

An enzyme is a something produced by a living organism.

3. What do enzymes do to food?

They help break food down as it goes through the digestive system.

4. Why do we chew food?

We chew to break down the food into smaller peices so that we can digest it easier.

5. What happens to our food in the stomach?

It gets broken down into smaller pieces and provides energy and nutrients for the body.

6. Where does absorption happen in the digestive system and why is it needed?

It begins in the mouth and continues through the digestive system.

7. What is the difference between the rectum and the anus?

You store waste food in the rectum but you release it from the anus.

8. Why are bacteria important in the process of digestion?

Its important because it breaks down some substances in food that cannot be digested, such as fibre and some starches and sugar.

THE BURGER



A DAY IN THE LIFE OF A BURGER

I was just a burger when it happened, I was being wrapped up into a happy meal when I was taken away by a lovely waiter. My friends were there with me, coke and fries and we would go down together. As I was hoisted up to the boys ghastly mouth I realised my fate.

He took a massive bite out of me; I was being chewed to death and then was tossed around by his tongue which shoved me down his oesophagus. It squeezed me until I got to the stomach. It took ages to reach his stomach but when I got there I was immediately ambushed by acids and enzymes. The enzyme was called pepsin and he wasn't nice, he broke me down and my bacteria was killed in front of my eyes.

After about 4 hours of torture I was free and continued my journey into the small intestine and again I was attacked by juices from the boys pancreas and liver which broke down my particles. I found out that the stuff from the liver was called Bile which broke down my fat; I needed to lose weight anyway.

After this I was thrown into the large intestine. Some of me was indigestible apparently so it was stored in the large intestine to continue to be tortured and broken.

All my water was stripped from me, I was dehydrated. After this I arrived at the Rectum, the faeces which joined us somewhere on our journey were eliminated. We were then sent to the anus and were launched out into this disgusting water.

I now have this ever lasting odour and terrifying memory which I cant get rid of. I am now a strange brown object but I survived and so did the fries but we lost coke. He was carried away by the weird water, we lost a friend on that day and ill ne forget him.