

# The Digestive System

Name: \_\_\_\_\_

LINK: <http://www.childrensuniversity.manchester.ac.uk/interactives/science/bodyandmedicine/digestivesystem/>

## The Digestive System

The job of our digestive system is to \_\_\_\_\_  
into useful molecules.

These molecules are used to give you \_\_\_\_\_, make you \_\_\_\_\_, and make your  
\_\_\_\_\_.

### The Teeth

The teeth are used to \_\_\_\_\_  
and mix with \_\_\_\_\_ with the help of the \_\_\_\_\_.

The tongue then sends this mashed up food down the \_\_\_\_\_ to the  
\_\_\_\_\_.

**FACT:** What is the hardest substance in your body? \_\_\_\_\_.

**Did you know?** How old usually babies are when their first tooth comes out? \_\_\_\_\_.

### Salivary Glands

Saliva contains the enzyme called \_\_\_\_\_ to break down \_\_\_\_\_.

Saliva is mixed with food to make it \_\_\_\_\_ & \_\_\_\_\_ for its journey down to the  
\_\_\_\_\_.

**FACT:** What is the name of largest salivary gland & where you will find it?  
\_\_\_\_\_.

**Did you know?** How much saliva we produce each day \_\_\_\_\_ (liters).  
Using Google, convert the number into gallons \_\_\_\_\_.

### \*The Esophagus ( spelling is different in some countries.)

The esophagus \_\_\_\_\_ mouth to the \_\_\_\_\_.

It has a \_\_\_\_\_

to stop food from the \_\_\_\_\_.

**FACT:** What is the other name for esophagus? \_\_\_\_\_.

**Did you know?** How long is esophagus. \_\_\_\_\_.

On the side of this paper, draw a line to show the size of esophagus.

### **The Stomach**

The stomach is like a \_\_\_\_\_. It make a milky mixture called \_\_\_\_\_ by breaking food into \_\_\_\_\_ and mixing it with \_\_\_\_\_.

Stomach juices contain \_\_\_\_\_, which kills \_\_\_\_\_, and the enzymes \_\_\_\_\_, which breaks down \_\_\_\_\_.

**FACT:** The stomach is \_\_\_\_\_.

**Did you know?** How much food stomach can hold \_\_\_\_\_.

Using Google, convert the number into gallons \_\_\_\_\_.

### **The Liver**

The liver produces \_\_\_\_\_, which \_\_\_\_\_ in the intestine.

Bile also breaks down, or \_\_\_\_\_, fats into \_\_\_\_\_.

The liver also \_\_\_\_\_.

**FACT:** The liver is \_\_\_\_\_ and the second largest \_\_\_\_\_.

**Did you know?** How much liver weighs? .

Using Google, convert the number into pounds \_\_\_\_\_.

### **The Gallbladder**

What is the function of gallbladder?

**FACT:** Food does not pass through the \_\_\_\_\_.

Their job is to \_\_\_\_\_.

**Did you know?** What is common problem humans have in gall bladder?

## **The Pancreas**

What are the name of three enzymes pancrease produces? \_\_\_\_\_.

What is the function of pancreatic enzymes?

The pancreas also produces \_\_\_\_\_, a hormone  
\_\_\_\_\_.

**FACT:** The pancreas produces \_\_\_\_\_ of pancreatic juice each day.

Using Google, convert the number into gallons \_\_\_\_\_.

### **Did you know?**

What is the cause of diabetes?

Why diabetic people feel tired?

## **The Small Intestine**

Most of the food is digested by \_\_\_\_\_ using enzyme from the \_\_\_\_\_ and the  
\_\_\_\_\_.

Nutrients are then absorbed through \_\_\_\_\_  
\_\_\_\_\_.

**FACT:** The small intestine is made up of \_\_\_\_\_ called the \_\_\_\_\_,  
\_\_\_\_\_ and \_\_\_\_\_.

Draw the picture of intestine and label all three parts.

### **Did you know?**

How long is small intestine?

Look around the room & write the name of any object that is as long as small intestine? \_\_\_\_\_

What will happen if a doctor cut a small portion of small intestine?

### **The large Intestine**

Main function of large intestine is

**FACT:** large intestine has \_\_\_\_\_ parts. Write all the names.

**Did you know?** How long is large intestine? \_\_\_\_\_

Look around the room & write the name of any object that is as long as large intestine?

What will happen if a doctor cut a small portion of large intestine?

Large intestine helps in absorbing water & salt. If doctor will cut a small portion of large intestine person will be thirsty and need extra salt in the food.

### **The Rectum**

The rectum is the \_\_\_\_\_ which stores \_\_\_\_\_ before they \_\_\_\_\_.

**FACT:** The food has all the \_\_\_\_\_.

**Did you know?** When the rectum is \_\_\_\_\_.

### **The Anus**

The anus holds the \_\_\_\_\_ in the \_\_\_\_\_ until you \_\_\_\_\_.

**Fact:** Read it.

**Did you know?** Poop contains \_\_\_\_\_.

**Review**

1. Where does digestion begin? \_\_\_\_\_

Describe what changes happen to the food?

2. Which is the largest organ in the digestive system? \_\_\_\_\_

What is the function of that organ.

3. Which organ stores bile from the liver? \_\_\_\_\_

What is the function of that organ.

4. Which organ make digestive enzymes? \_\_\_\_\_

Write all the enzyme's name. \_\_\_\_\_.

Why we need the above enzymes.

5. Where is the most of the protein digested? \_\_\_\_\_.

Look at your notes write the name of acid which is found in our stomach. \_\_\_\_\_.

6. Where does most of the digestion take place? \_\_\_\_\_.

Described what happened to the nutrients after this organ.

7. Which organ contains lots of micro-organisms? \_\_\_\_\_

8. What is the scientific term for poop? \_\_\_\_\_ .



NAME: \_\_\_\_\_

Pd: \_\_\_\_\_

Word Bank				
Esophagus	anus	small. intestine	pancreas	Stomach
mouth	gall bladder	liver	Large. intestine	

