

GROSSOLOGY

Feelin' Queasy

What is the most disgusting thing your body does! Most people think vomiting is the most disgusting thing their body does. You vomit because your body is trying to get rid of stuff that might be dangerous to you. Vomiting is so important that there's a part of your brain (called the vomit center) to control it.



Investigations in Grossology

Find the answers to these questions at the exhibits called *Vomit Center*, *GI Slide* and *Look Inside*.

1. Name four things that can cause vomiting.

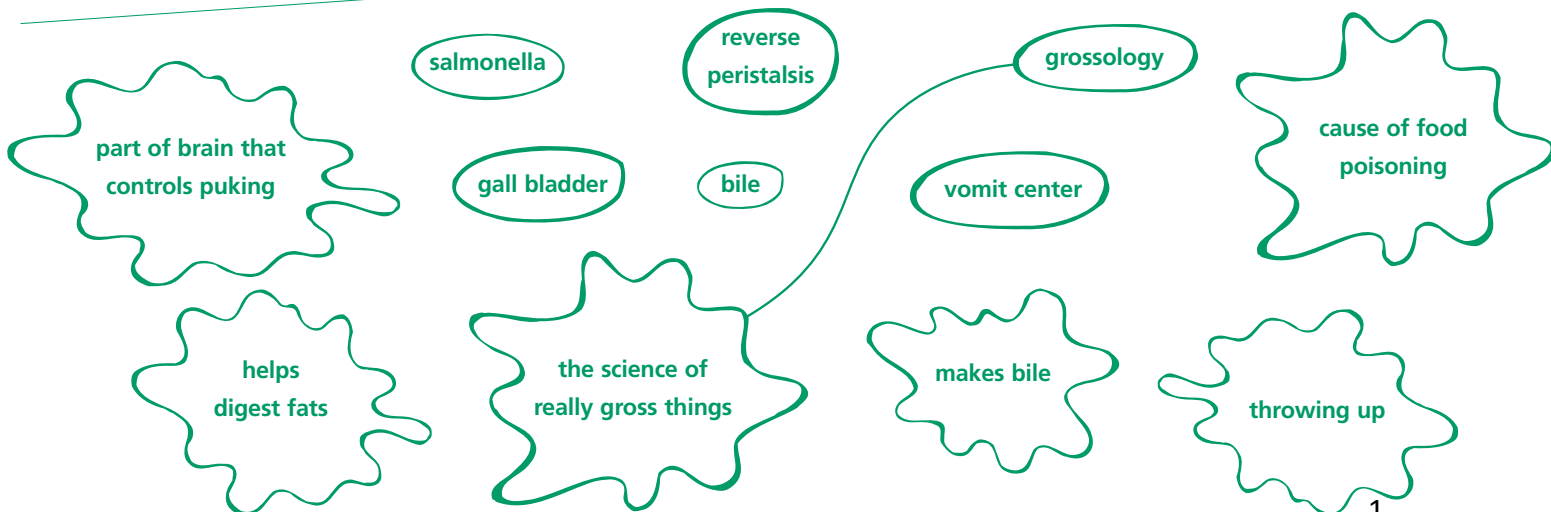
2. How long does it take for your body to digest food?

4. How long a path does food take from your mouth to your anus?

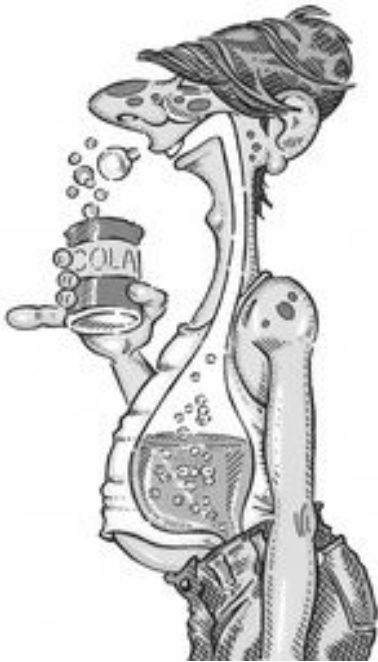
5. How much food does the average American eat in a lifetime?

3. What makes your throat feel sore when you throw up?

6. What can you do to avoid food poisoning?



GROSSOLOGY



A Few Gross Classroom Experiments

Belch Model

You will need: vinegar, baking soda, medium or large balloon, funnel

What to do: If you do this over a sink, there is much less clean-up at the end.

The balloon is your stomach.

- Pour a small amount of vinegar into the bottom of the balloon. Use the funnel to add baking soda to the balloon stomach.
- Pinch the balloon closed with your fingers at the neck; this is your esophagus.
- Watch your balloon stomach expand with gas.
- Un-pinch the esophagus to release gas, or a burp.
- Practice the pinch release to see if you can make the belch model sound like a real burp.

GROSSOLOGY

Match your Grossology Terms

Draw a line from the term to its matching definition

TERMS

grossology

cilia

epidermis

feces

plaque

mucus

scab

halitosis

DEFINITIONS

scientific word for poo

the top layer of skin

liquid that slimes the inside and outside of many living things

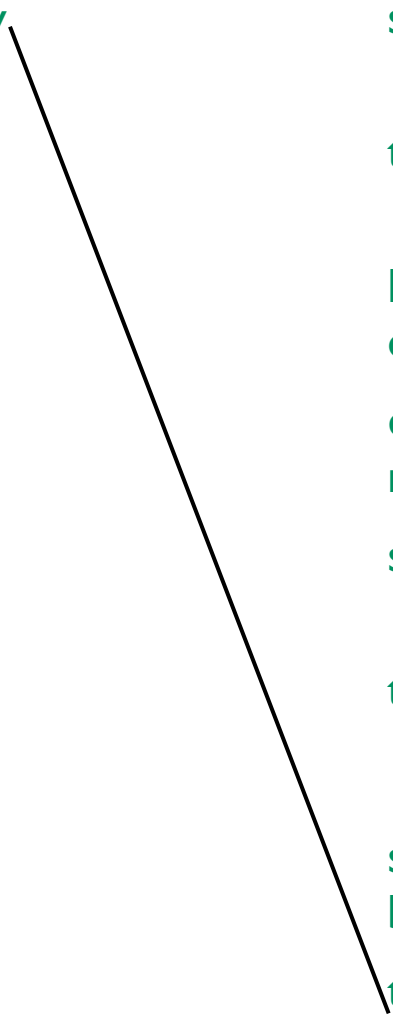
dried and clotted blood that serve as nature's bandage

small hairs in the nose

the scientific term for bad breath

sticky deposit on the teeth in which bacteria grow

the impolite science of the human body



GROSSOLOGY

Your Birthday Suit



What's the largest organ of the human body? The skin!

- Your skin probably weighs about 7 pounds altogether.
- Skin is alive and constantly changing, as you shed flakes of skin and grow new skin cells.
- You get a whole new layer of skin every 28 days.
- Tiny pores in your skin contain oil and sweat glands to keep your skin elastic and cool, and to protect you from bacteria.

GROSSOLOGY

Investigations in Grossology

Find the answers to these questions at the exhibits called *Climbing Wall* and *You Stink*.

1. Where can you find keratin in your body?

2. You grow a whole new layer of skin every _____ days.

3. What's the largest organ of the human body?

6. What causes warts?

4. What parts of your body don't produce oil?
