

## BILL NYE THE SCIENCE GUY VIDEO: DIGESTION

### WORD BANK:

Acid Foods Fuel Mouth	Mucus Peristalsis Powerful	Stomach Three (3) Waste
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1. Our body is like an engine that runs on \_\_\_\_\_.
2. We get our body's fuel from the \_\_\_\_\_ that we eat.
3. Everything we eat ends up in our \_\_\_\_\_.
4. It takes hours and hours for the \_\_\_\_\_ in our stomach to break down food.
5. The acid in our stomach is hydrochloric acid, which is a very \_\_\_\_\_ acid.
6. Why doesn't the acid eat our stomach? Our stomachs are lined with stuff called "\_\_\_\_\_." It protects our stomach walls from the acid inside.
7. We grow new stomach lining every \_\_\_\_\_ days.
8. Food is pushed from our mouth to our stomach by a process called "\_\_\_\_\_."
9. Digestion begins in the \_\_\_\_\_.
10. "\_\_\_\_\_" is what is left over after your body has squeezed and extracted all of the nutrients it can from the food you eat. This is the last step in the digestion process.

### MORE INFO TO KNOW:

Chyme (pronounced "kyme") is the goopy stuff in our stomach that our body can digest.

The small intestine is about 7 meters long in an adult (and about 4 meters long in a child).

The large intestine (colon) is about 2 meters long, shorter but much wider than small intestines.

We eat about 1 kilogram of food each day and drink about 3 liters of water each day.

It can take anywhere from 10 hours to 2 days for food to work its way completely through our body and out the end.