



## The history and science behind x-rays

Have you ever wondered how do x-rays work or how do they see inside of you? An x-ray is simply a ray of light that can pass through solid objects, onto a film cassette put under or behind the object or body part. However, the science is more complicated than that.

A normal ray of light could not simply pass through an object unless you can see through it like glass. Special energy and wavelength of the x-rays is what lets light pass through the the body parts and create the image of the inside of whatever is in it's path.

## Fun Medical Facts



- What is the largest organ in the body? **(A. Skin)**
- How many bones is the body? **(A. 206)**
- What is the smallest bone?  
**•(A. Stapes in the inner ear. just 3.3 mm long in average person)**
- What is the largest bone?  
**(A. Femur in the upper part of leg. 50.5 cm in average make adult.)**

### In This issue...

- 1 The history and science behind xrays
- 2 Fun Medical Facts
- 3 Little Medical School Word of the Month
- 4 I Will Try That!

*Little Medical School*  
**Word of the Month**  
**"GROSS"**

### G is for Gross

Snot, mucus and blood at first seem gross, but when you understand how they protect the body and make it work right, you realize how cool this stuff really is!



### I Will Try That!



Butternut squash, which is related to pumpkins, is a long-necked, pear-shaped, fruit that has sweet yellow-orange skin and flesh when ripe. It has necessary minerals like calcium, potassium, and more, which is similar to that of a pumpkin. It is a very healthy food, and contains certain fatty acids that will benefit the health of your heart. It

is also called butternut pumpkin in other countries because of it's sweet and nutty taste, which is like a pumpkin. Even though it has a sweet taste, a lot of people cook it like it is a vegetable. It is used to make soups, pizzas, casseroles and other dishes,

## Butternut Squash

Interested in being a student at Little Medical School?

Check out our classes at: [www.littlemedicalscool.com](http://www.littlemedicalscool.com) or call 314-740-0388 or email [jgriffard@littlemedicalscool.com](mailto:jgriffard@littlemedicalscool.com)