student handout 2

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

The top picture is an X-ray of the lungs of an individual who has healthy lungs. The bottom picture is the X-ray of an individual who is thought to have cystic fibrosis.

Using the article you just read about cystic fibrosis, answer the following questions:

1. What is cystic fibrosis?
2. What causes cystic fibrosis?
3. How are the lungs affected by cystic fibrosis?
4. Now that you know a little more about cystic fibrosis, look back at X-ray 2. What do you think the white cloudy spots in the lungs are?