**Creating Vertebrae Using Clay**

**Directions: Make a typical vertebrae (you can make a cervical, thoracic, or lumbar one if you want). It must include the following, and each must be a different color of clay (except for the vertebral foramen):**

-Body

-Laminae

-Pedicles

-Vertebral foramen

-Transverse process

-Spinous process

-Superior Articular Process

-Inferior Articular Process

I must check it before you go on! Answer the questions below on your own sheet of paper:

1. How many vertebrae are in the cervical portion?

2. How many vertebrae are in the thoracic portion?

3. How many vertebrae are in the lumbar portion?

4. What part of the vertebrae bears weight?

5. What are the openings in each vertebrae called that allows the spinal cord to pass through?

6. What is in between each vertebrae?

7. What are the functions of the intervertebral discs?

8. What section of the spine takes the most stress? Why?