

# Science 9

## Alternate Assignment for Human Body Poster

### Respiratory System

NOTE: This is an **individual** project. If you are doing this, you must work ALONE and do all the work yourself. You are not allowed to talk to other science 9 students while you are doing this.

#### **Directions:**

On the piece of construction paper provided:

1. Draw the diagram on page 160 of Science Probe. The drawing must fill the **whole sheet** of paper and organs must be coloured for full marks. You must have your own colouring pencils or felts. (4 marks)
2. **Draw and label** each part of the respiratory system on page 160. (12 entries)  
Lines must be **straight** and printing must be **neat** for full marks. (½ mark each). (6 marks).
3. On the back of the sheet of paper, clearly state the **function** of each one of the following parts. The information can be found in the Science Probe 9 textbook. (10 marks)

#### **Parts:**

- nostril
- epiglottis
- rib bones and muscles (how do they help us breathe?)
- trachea
- bronchi
- alveoli
- diaphragm
- cilia
- hairs in nose
- blood vessels surrounding alveoli

**Total marks for this section of the project is 20 marks**

For each period you do not come equipped with your own pencil, you will lose 2 marks.  
For each period you do not come equipped with your Science 9 textbook, you will lose 2 marks.

This project must be completed and handed in to me by \_\_\_\_\_  
to get full marks.

After \_\_\_\_\_ you will receive a “zero” for this project if it is not handed in.

**Marking Sheet for Alternate Human Body Poster Assignment**  
**(Respiration)**

Name \_\_\_\_\_

4

**Drawing fills page and organs are coloured**

6

**12 Parts drawn and labeled neatly**

10

**Functions of Parts**

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20

**Total Mark**