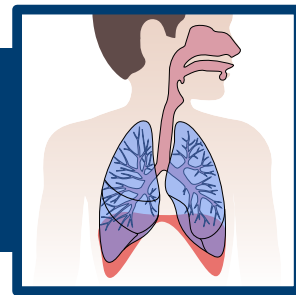


UNIT: PULMO PARK

LESSON 1: MAPPING PULMO PARK

Activity 1D: Obstructed Airways



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Your brain has the wonderful ability to detect patterns in sets of information. In this case, the words **rain** and **snow** were left out of the sets of words read to you in the experiment. Under normal circumstances, your brain will often fill in missing pattern pieces, which explains why some students may have included the word **rain** in the **Unrestricted Breathing Recall List** and why some may have included **snow** in the **Restricted Breathing Recall List**.



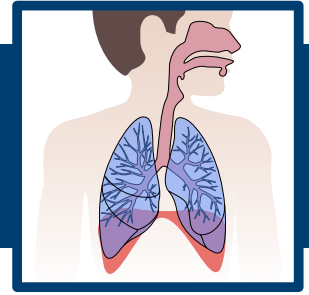
1. Is there a big difference in the number of students who included **rain** (in error) in the first recall list and the number who included **snow** (in error) in the second recall list? Explain why you think this may happen.

2. Is there a big difference in the number of students who included **rain** (in error) in the first recall list and the number who included **snow** (in error) in the second recall list? Explain why you think this may happen.

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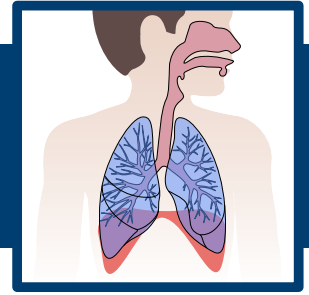


3. Why do you **think** restricted breathing might affect the brain's ability to do more complex tasks?

UNIT: PULMO PARK

LESSON 1: MAPPING PULMO PARK

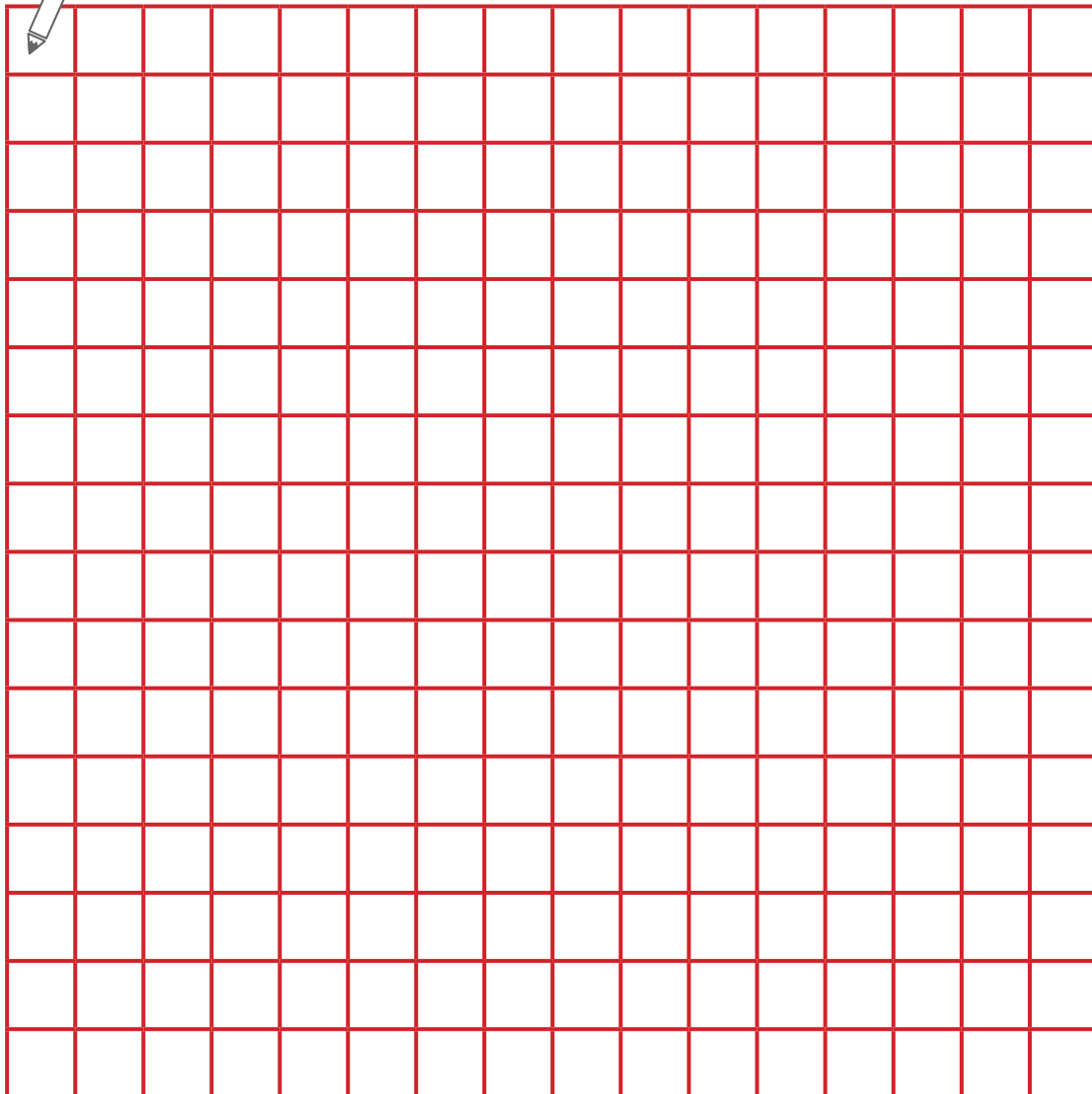
Activity 1D: Obstructed Airways



Using the following grid, create a graph using data from Tables A, B, C, and D. Label each axis and include a title.

GRAPHING PAPER

Title: _____



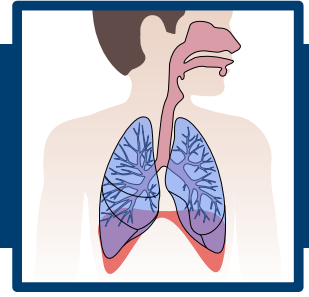
y axis:

x axis: _____

UNIT: PULMO PARK

LESSON 1: MAPPING PULMO PARK

Activity 1D: Obstructed Airways



4. What evidence do you see in your graphs to indicate that restricted breathing affects memory recall? Please explain.

5. If you were creating an anti-smoking advertisement, how could you use these data and these graphs to persuade people not to smoke?
