Unit 2 Name:

Date:

2-1: Properties of Air

Discover: What are the Properties of Air

Question

What are the properties of air?

Instructions

1. Answer the following questions:
2. List the gases that make up the air in our atmosphere. ( /3 marks)

|  |
| --- |
|  |

1. Provide two examples or evidence that show air (wind) exists. ( /2 marks)

|  |
| --- |
|  |

1. Experiments

3. Provide evidence that air takes up space. (Note, you may refer to the video Grade 6 Flight Unit) <https://youtu.be/PuVkw9Dlguc>.

1. What experiment did you complete to show air takes up space? ( /1 mark)

|  |
| --- |
|  |

1. What materials did you use in this experiment to show air takes up space? ( /2 marks)

|  |
| --- |
|  |

1. What observations did you make in this experiment to show air takes up space? You may provide pictures of the experiment. ( /2 marks)

|  |
| --- |
|  |

1. What results did you find in your experiment? ( /1 mark)

|  |
| --- |
|  |

1. Provide evidence that air exerts pressure. (Note, you may refer to the video Grade 6 Flight Unit) <https://youtu.be/PuVkw9Dlguc>.
2. What experiment did you complete to show air exerts pressure? ( /1 mark)

|  |
| --- |
|  |

1. What materials did you use in this experiment to show air exerts pressure? ( /2 marks)

|  |
| --- |
|  |

1. What observations did you make in this experiment to show air experts pressure? You may provide pictures of the experiment. ( /2 marks)

|  |
| --- |
|  |

1. What results did you find in your experiment? ( /1 mark)

|  |
| --- |
|  |

1. Provide evidence that air is a fluid. (Note, you may refer to the video Grade 6 Flight Unit) <https://youtu.be/PuVkw9Dlguc>.
2. What experiment did you complete to show air is a fluid? ( /1 mark)

|  |
| --- |
|  |

1. What materials did you use in this experiment to show air is a fluid? ( /2 marks)

|  |
| --- |
|  |

1. What observations did you make in this experiment to show air is a fluid? You may provide pictures of the experiment. ( /2 marks)

|  |
| --- |
|  |

1. What results did you find in your experiment? ( /1 mark)

|  |
| --- |
|  |

1. Provide evidence that air can be compressed. (Note, you may refer to the video Grade 6 Flight Unit) <https://youtu.be/PuVkw9Dlguc>.
2. What experiment did you complete to show air can be compressed? ( /1 mark)

|  |
| --- |
|  |

1. What materials did you use in this experiment to show air can be compressed? ( /2 marks)

|  |
| --- |
|  |

1. What observations did you make in this experiment to show air can be compressed? You may provide pictures of the experiment. ( /2 marks)

|  |
| --- |
|  |

1. What results did you find in your experiment? ( /1 mark)

|  |
| --- |
|  |

1. How can the properties of air be used in everyday applications? Provide one example. ( /1 mark)

|  |
| --- |
|  |

Total: /24 marks

Save Your File

Save your Table to your Air Notebook folder. Name your file with your name (jsmith) in this format: (yournamehere)sc6-2-1-air. Submit your completed assessment to the submission folder.