**The Attraction Real**

Directions: Research your assigned intermolecular force. Answer at least the following questions, but do not limit the information collected. Your group will construct a presentation of the information you collect. Make it creative, but informative.

Intermolecular Force: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What type of attraction is the basis for your IMF?
2. Is your IMF weak, strong, or somewhere in between? WHY?
3. What types of common substances are held together by your IMF? (Try to be as common and real world as possible)
4. How does your IMF directly affect and/or explain a substance’s physical properties?

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| --- | --- | --- | --- | --- | --- |
| **Intermolecular Force Rubric** | | | | | |
| **Description of Criterion** | **Exceeds** | **Meets** | **Approaching** | **Needs Improvement** | **No Mark** |
| Type of Attraction | Clear, concise, and appropriate definition written in the learner's own words were provided | Clear, concise, and appropriate definition written mostly in the learner's own words were provided  . | Clear definition written mostly in the learner's own words were provided | Clear definition was provided | Incomplete/ Missing |
| Bond Strength and Physical Properties | Facts were accurate for all information reported on the topic and included additional facts beyond the requirement | Facts were  accurate for all  information reported  on the topic | Facts were accurate for at least 80% of all information reported  on the topic | Facts were  accurate for  at  least 60%  of the  information reported  on the topic | Incomplete/ Missing |
| Visual Representation | Presentation has appropriate font size, text to background is easily visible (light text/dark background & no busy backgrounds), and images are included | Presentation has appropriate font size, text is visible, and images are included | Presentation text is visible, and images are included | Presentation text lacks visibility, and little to no images are included | Incomplete/ Missing |
| Types of Common Substance Example(s) and Resources | The slide contained at least one or more examples with citationsrelated to the topic | The slide contained at least one example with citationsrelated to the topic | The slide contained at least one example and citations. | The slide contained no example or no citationrelated to the topic | Incomplete/ Missing |

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