



**Strauss Preparatory School**  
**Summer Term 2020 Academic Session Mid-Term Assessment**  
**Year 5**  
**Science**

**Instruction:** Select the **BEST OPTION** to answer the questions.

1. \_\_\_\_\_ materials have the potential to return light back to the original path.
2. \_\_\_\_\_ materials have the property of attracting particles of iron, nickel and various other metallic materials.
3. \_\_\_\_\_ materials have the ability to soak up liquid.
4. \_\_\_\_\_ materials allow liquids or gases to pass through them.
5. \_\_\_\_\_ materials permit light to pass through them but objects on the other side can't be seen clearly.
6. \_\_\_\_\_ materials can be bent easily.
7. \_\_\_\_\_ materials reduce or prevent the transmission of heat, sound or electricity.

8. \_\_\_\_\_ materials have the capacity to ignite easily or catch fire on exposure to flame.

9. Drag the name to the correct object.



**Conductor**

**Conductor**

**Insulator**

**Insulator**

10. \_\_\_\_\_ materials are materials that will dissolve in liquid.

11. \_\_\_\_\_ materials are materials that will not dissolve in liquid.

12. Answer **True** or **False** for the following statements about soluble and insoluble materials.

Sand is soluble.

Sugar is insoluble.

Rice is insoluble.

Salt is soluble.

Coffee granules are soluble.

13. Answer **True** or **False** for the following statements about melting and dissolving.

Melting requires liquid to happen.

Dissolving requires heat to happen.

Licking candy is an example of melting.

When you pour detergent in water and mixes the two materials, dissolving takes place.

When you leave margarine under the sun, it dissolves.

14. When water turn into a vapour after heat is applied, the process is called \_\_\_\_\_
15. \_\_\_\_\_ is best for separating the mixture of sand and water.
16. \_\_\_\_\_ is best for separating a mixture of rice and flour.
17. \_\_\_\_\_ is best for separating a mixture of salt and water.
18. \_\_\_\_\_ is best for separating a mixture of paper clips and rice.