



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.