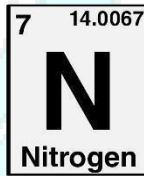
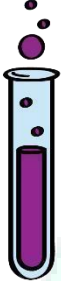
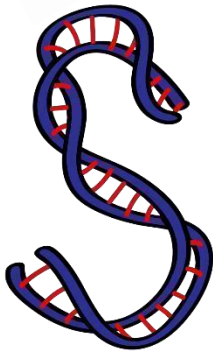


ASPIRE
INTERNATIONAL SCHOOL



Science Department

2023/2024

Year 4

Term 1, Week 11

ASPIRE

Name:
Class:

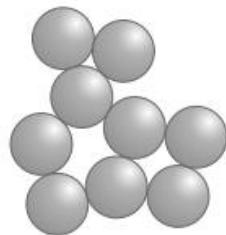
INTERNATIONAL SCHOOL

1. Decide if each of the statements below describes a solid or a liquid.

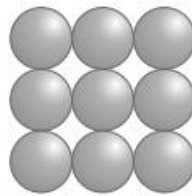
Write the word 'solid' or liquid' next to each statement.

- a It has no fixed shape and can flow..... Liquid
- b It has a fixed shape and cannot be squashed..... Solid
- c Its particles move very little..... Solid
- d Its particles move around each other..... Liquid
- e Its particles are quite close together..... Liquid
- f Its particles are very close together..... Solid

2. The drawings show how scientists think the particles are arranged in a solid and a liquid.



A



B

a Identify which drawing shows a solid and which drawing shows a liquid.

- A..... Liquid
- b..... Solid

b Write two sentences about how the particles are arranged in drawing A.

The particles in liquids (A) are not as close together as the particles in solids. They have larger spaces between them and can move more freely than in solids.

c Write two sentences about how the particles are arranged in drawing B

The particles in solids (B) are held tightly together. They have small spaces between them and cannot move freely

5 Draw a line to match the correct ending to each of the sentence starter below.

- a Solids have a fixed shape because their particles do not move very much.
- b Liquids can change shape in some ways because their particles can move around each other.

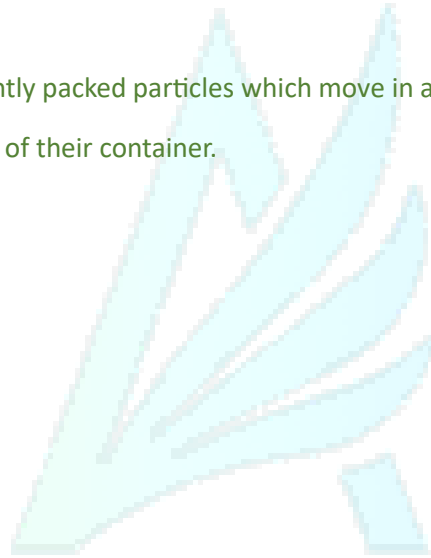
3. Choose words from the word box to complete the following sentences. You will not use all the words and you will use some words twice.

solids liquids shake shape tightly
loosely spread move particles

All substances are made of particles.

b Solids have a fixed shape due to their tightly packed particles which move in a fixed position.

c Liquids can spread and take on the shape of their container.



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