



Science Department

2023/2024

Year 4

Term 1, Week 11

ASPIRE

INTERNATIONAL SCHOOL

Name:

Class:

1. Write the correct words in the spaces in the sentences below. Use the words in the box.

You will need to use some of these words more than once.

particles	liquid	melt	solidify	solid	state	matter
------------------	---------------	-------------	-----------------	--------------	--------------	---------------

- a Everything consists of _____.
- b All matter consists of _____.
- c If the _____ are closely packed, so that they can only move a little bit, the substance is _____.
- d If the _____ are more loosely packed so that they can slide over each other, the substance is a _____.
- e Heating causes a solid to _____ and change state from solid to _____.
- f Cooling causes a liquid to _____. For example, water changes into ice.

ASPIRE
INTERNATIONAL SCHOOL

2. Write the correct word or words for each of these descriptions.

- a To look at what is the same and what is different about two or more things.

- b What everything around us is made of.

- c When a substance changes form but the type of substance does not change.

- d When substances that are mixed together change and make a new substance.

- e When heating or cooling makes a substance change its form.

- f What a substance or material is like, or how it behaves.

- g A pattern with the same amount of space between each particle.

3. Write one word for each of the underlined parts in the following sentences.

a Glass is an example of a certain type of matter.

b Water is an example of a pure type of solid, liquid or gas.

c Solids are made of very small bits of matter that are packed very closely together.

d Cement powder, sand, water and limestone change when they are mixed together to make concrete.

e Flour is an example of a solid that can flow like a liquid.
