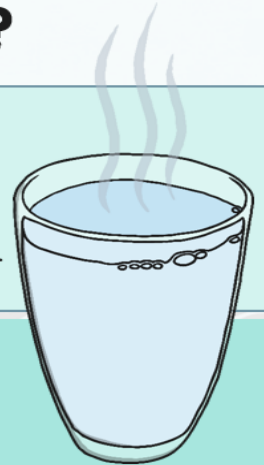




What Makes Materials Change State?

When a solid turns into a liquid it is called melting.

The temperature at which a solid material melts is called its melting point. Different materials have different melting points.



If a solid material is heated to its melting point, it will start to melt and will change state from a solid to a liquid.

In a solid, the particles are closely packed together and are vibrating on the spot. When a solid is heated, the particles start to move faster and faster. If enough heat is applied, the particles will have enough energy to move about. They are still close together, but can move over and around each other. At this point, the solid has melted to form a liquid.



What does a solid turn into when it is melted? _____



True or false. When particles become hot, they move faster and faster. _____

Do different materials have different melting points? _____



What do you think would happen if the particles cooled down again and returned to their starting temperature?

Why has the author decided to include a picture with the writing?



SPELLING STARS

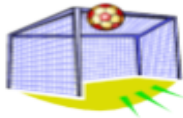


Spellings
grate
great
grown
groan
main
mane
meat
meet
missed
mist

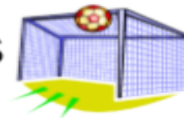
Can you circle the correct word for the sentence?

1. I told my friend that his new roller skates looked great/grate.
2. My little sister had grown/groan so much that she was far too big for her bicycle.
3. The lion roared a terrifying roar and shook his mighty main/mane.
4. I was very pleased to meat/meet my favourite football player.
5. The boat was hidden in the missed/mist.

Can you think of any other homophone pairs?



Grammar Goals



Draw a line to match each **prefix** to the correct word so that it makes a new word.

Prefix	Word
re	mature
de	understood
mis	legible
im	frost
il	do

Circle the **possessive pronoun** in the passage below.

The boy showed me around the school.
 He took me to the music room and pointed out which classroom was his.

Write **s** or **es** to make each word a plural.

fox _____

card _____