

Name: \_\_\_\_\_

## Theme Based Study Sheet

### Water facts - Did you know?

Three quarters of the Earth is covered with water.

Three quarters of the world's **fresh water** is frozen in the polar ice caps.

Water boils at or 100 degrees Celsius and freezes at 0 degrees Celsius.

A person can live without food for a few weeks but can only live without water for a few days.

Water takes on three different forms:

1. Solid - such as snow and ice.
2. Liquid - such as rain, lakes, oceans and rivers.
3. Gas - as water vapour. Water turns into a gas when it boils and evaporates.

Do you know any more facts about water?

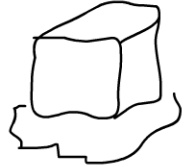
### Water words

On a separate page, list words that contain the word "water".

For example, "waterfall" or "rainwater".

Place your "water" words in alphabetical order.

### Melting ice



Make six ice cubes.

Place two ice cubes outside in the sun.

Place two ice cubes outside, but in the shade.

Place two ice cubes under a lamp's light inside.

Sprinkle some black pepper on one of each pair of ice cubes.

Which ice cubes do you think will melt first? Why?

How long you think it will take for each ice cube to melt.

What do you think will happen to the ice cubes that have pepper on them? Will they melt slower or quicker?

Measure the time it takes for each of the ice cubes to melt.

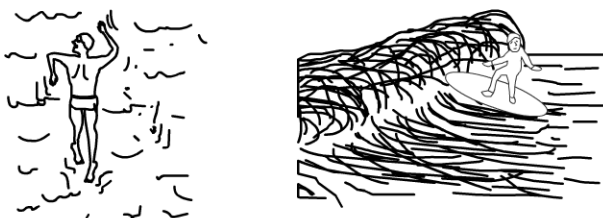
How close were your guesses?

If you did this same experiment at night, would it make a difference to the melting times? Why?

### Water sports

There are many sports that involve water.

On a separate page, list and draw some water sports.



### Water word design

Select a water related word (examples below) and draw the word so that it looks like its meaning.

For example, "melt" could be drawn like this:



drip      ice      freeze      splash  
rain      flowing      pour      wave



For more fun and revision you can play games online using Studyladder's website.