

Curriculum Areas: Science Levels 2-4	Strands: Nature of Science Living World	Background Page: ALL
Achievement Aims:	<p><u>Participating and Contributing Levels 2-4:</u> <i>Use their growing science knowledge when considering issues of concern to them.</i></p> <p><u>Living World</u> Level 2-4 Life Processes, Ecology</p> <p><u>Material World</u> Level 2-4 Observe, describe, and compare physical and chemical properties of common materials and changes that occur when materials are mixed, heated, or cooled</p> <p><u>Planet Earth and Beyond</u> Levels 2-4 Earth systems, Interacting systems</p>	

Instructions:

Print out the sheets below and cut each page in half. Give each student a half sheet.

Task:

Match up the statement with the correct answer. This activity can be done by sharing the statements and descriptions around individual students and they then have to find their match.

Sea Ice

I float in water.

Oxygen

There is more of
me in cold water
than in warm
water.

Phytoplankton

I am a tiny plant
in the sea at the
bottom of the
food chain.

Cold water

I am heavier than
warm water, so I sink
and this drives ocean
currents.

Salt water

I am denser than fresh
water and sink under
fresh water

High latitude

I get no sun in
winter and all day
sun in the summer.

Captain Scott

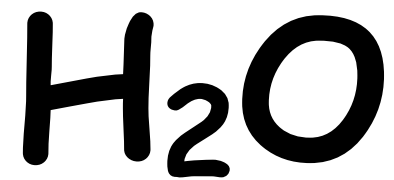
I am an early
Antarctic
scientist.

Salts

The stuff in seawater
that comes from
dissolved rocks and
makes the seawater
salty.

Carbon Dioxide (CO₂)

I am a greenhouse
gas.



I am the chemical
formula for water.

Supercool

I am below my
freezing point but
I am still a liquid.

Ice shelf

I am an ice sheet
floating on the sea
made of fresh water.

Sea level rise

I am the result of the
glaciers, ice sheets
and sea ice in
Antarctica melting.

brackish

I am slightly salty

An
ecosystem
on land

I am terrestrial.

Biodiversity

I describe the
number of different
species there are in
an ecosystem.

Stable Ecosystem

I have a high level
of biodiversity and
plants and animals
are well adapted to
my environment.

Water turbulence

**I am movement of
water**

Molecule

I am a group of
two or more atoms
bonded together

Water

I am unusual
because I am less
dense when I'm a
solid than when I
am a liquid.