

Curriculum Areas: Science Levels 2-4	Strands: Nature of Science Living World	Background Page: ALL
Achievement Aims:	<u>Participating and Contributing Levels 2-4:</u> <i>Use their growing science knowledge when considering issues of concern to them.</i> <u>Living World Level 2-4</u> Life Processes, Ecology <u>Planet Earth and Beyond Levels 2-4</u> Earth systems, Interacting systems	

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.**

**High
latitude**

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

Zooplankton

e.g. krill

**I am a tiny animal
that lives in the
sea and feeds on
phytoplankton.**

**Baleen
whales**

**I am a large
mammal that feeds
on krill.**

**Captain
Scott**

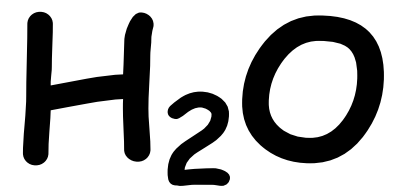
**I am an early
Antarctic
scientist.**

Salts

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

Carbon Dioxide (CO₂)

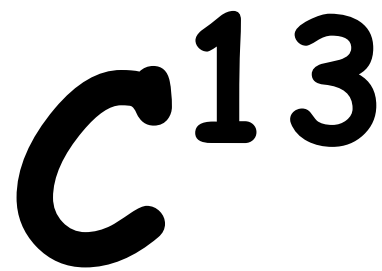
I am a greenhouse
gas.



**I am the chemical
formula for water.**

SIMCO

**I am a community
of microorganisms
living on sea ice.**



I am carbon atoms
found in micro-
organisms that grow
on sea ice and I can
be traced.

Sea level rise

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

Antarctic Marine Ecosystem

I am more productive
than the Antarctic
terrestrial ecosystem
and have a higher level
of biodiversity.

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.