An underwater scene featuring a large yellow and white striped butterflyfish as the central focus. It has a prominent blue eye and a long, pointed snout. Several smaller, similar striped fish are swimming around it. The background is a deep blue with some coral visible on the left and green seagrass at the bottom. Bubbles are scattered throughout the water.

Climate Change and the Marine Environment

Sixth Class

Scoil An Spioraid Naoimh

- Oceans cover 70% of the Earth's surface



- Oceans absorb up to 30% of the CO₂ we produce

A satellite image of Ireland, showing the island's green landscape and its irregular coastline. The surrounding ocean is a deep blue, with some lighter turquoise areas near the shore. The text is overlaid on the top left of the image.

•Ireland has 900 miles of coastline

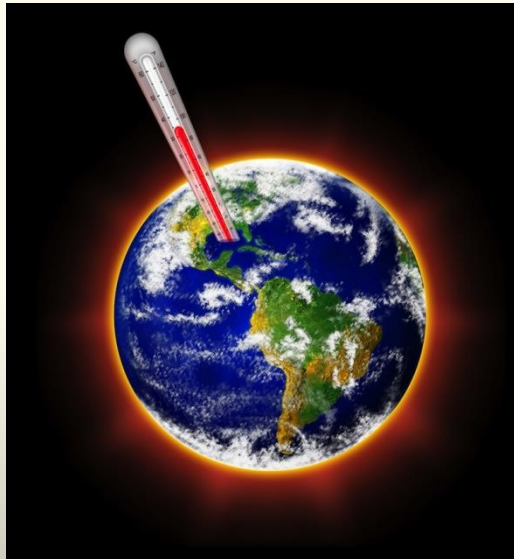
•147 beaches in Ireland were awarded a blue flag in 2016.

There are many threats to our oceans.

- Over Fishing
- Oil Spills
- Pollution
- Climate Change**

Climate change is real

- The Planet Earth is warming up faster than ever before.
- The planet has warmed by an average of 1°C in the past century.



What is making the earth's climate warmer?

- Burning fossil fuels



Cutting down forests



Breeding cattle

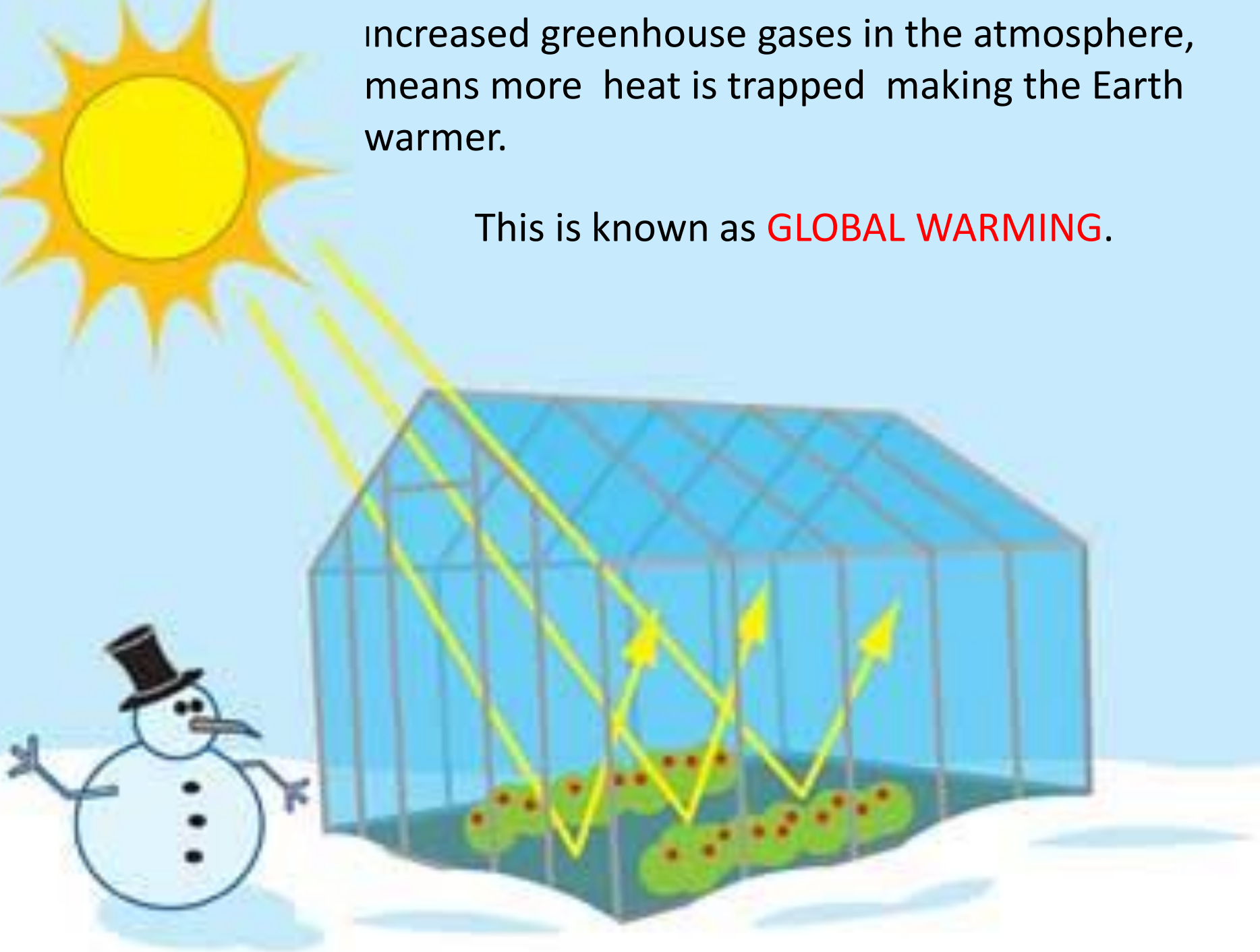


CO₂ emissions from cars



increased greenhouse gases in the atmosphere,
means more heat is trapped making the Earth
warmer.

This is known as **GLOBAL WARMING**.

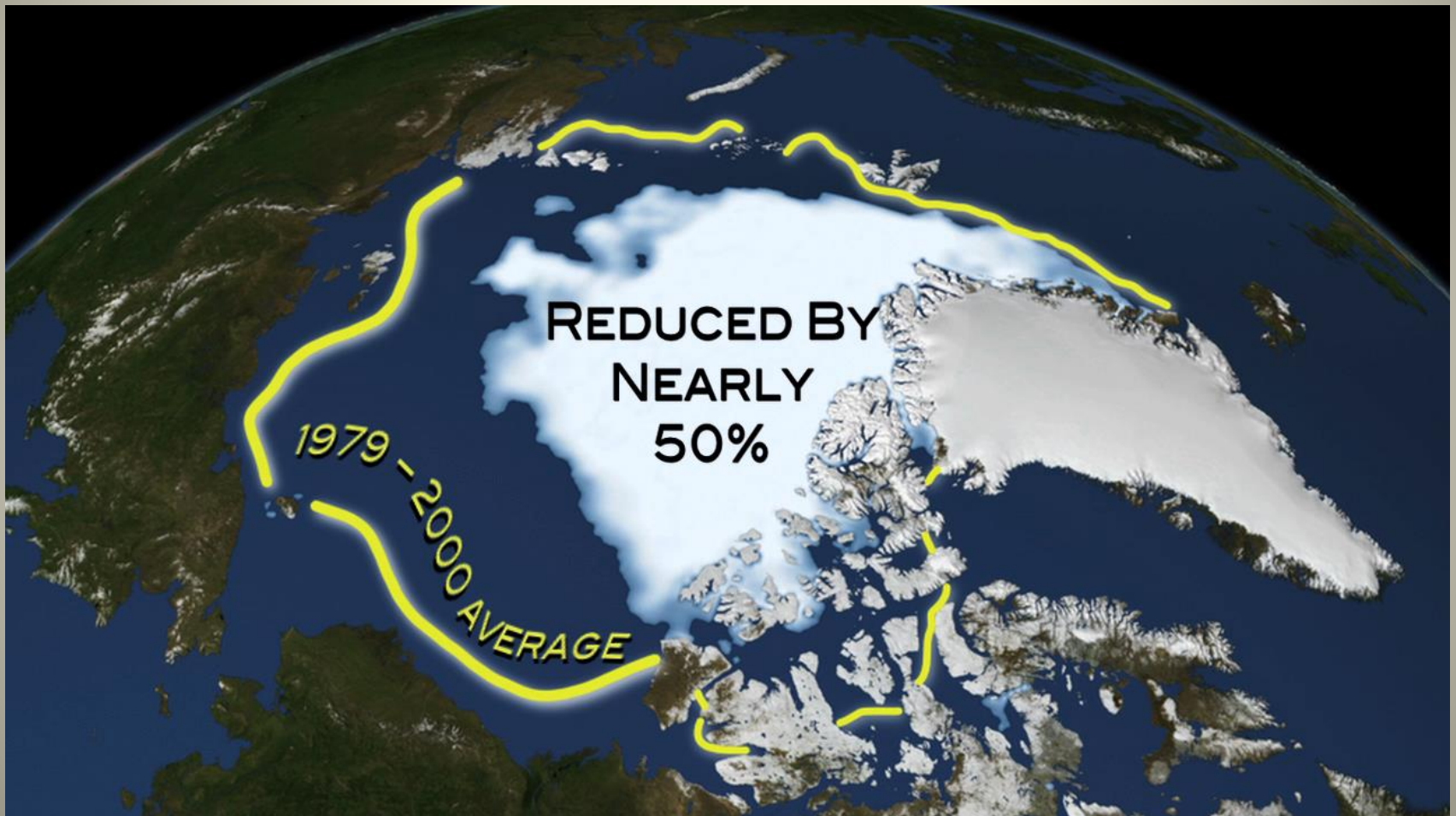


**So what is happening to
our oceans?**





Melting polar ice



Rising sea levels



Some marine species may lose their homes

- Penguins in the Antarctic



Polar bears in the Arctic



Sea turtles have lost their nesting habitats



New species off our shores

- Portuguese Man – of – War



Shellfish under threat from acidic oceans



Storm weather – destroying our coastline and coastal habitats



TAKE ACTION NOW

- Be more energy aware



Walk or cycle to school



Reduce, Reuse, Recycle or Upcycle



Conserve water



Buy local and eat less red meat



Plant trees, vegetables and wild flowers



Two minute beach clean



Be Aware!
Enjoy Our Animation 😊



Climate change

and

Marine

Life



Thank you for watching our presentation.

