

Year 4 - Wednesday 20<sup>th</sup> May

Weekly Spellings

profession

session

percussion

passion

mission

possession

fiction

fraction

direction

attention

Practise the words in  
your handwriting book.

Reading

Read for 20  
minutes.

Maths

Today I would like you to  
complete Summer Term  
Week 2 Lesson 3 - Pounds  
and pence

<https://whiterosemaths.com/homelearning/year-4/>

Music - optional

Mrs Goldsworthy, our ukulele  
teacher, has sent us some links to  
musical activities that can be done  
without an instrument. Watch  
Mylene Klass below and have a go  
at playing glasses - don't use the  
best ones!

<https://www.youtube.com/watch?v=JnahwSOFi34>

English

Read the fact file about Keiko the killer whale.

Cut out the timeline cards and write the event that  
goes with each date.

If you can't print, or if you would prefer, then  
make your own timeline.

Geography

Read the fact file about environmental issues affecting  
our ocean.

Make a poster to show people how pollution is affecting  
our oceans.

If you want to go the extra mile then you can add your own  
research and/or pictures.

Email your finished work to the Year4 email.

## Environmental issues in the oceans

Two-thirds of our planet is covered by water. However, our oceans are under threat from human activities.

The oceans provide:

- a source of food
- a habitat for plant and animal life
- green energy
- an environment for tourism and leisure

The oceans also:

- regulate carbon dioxide and oxygen levels in the atmosphere
- drive the water cycle
- contribute to weather patterns



### What factors are affecting our seas and oceans?

#### Overfishing

Overfishing is when we catch fish faster than they can reproduce. Fish stocks get lower and can even run out. There were six times more fish in the oceans 100 years ago than there are today.

#### Pollution

Our oceans are full of things that we have thrown away, including rubbish, sewage and chemical waste.

#### Oil spills

Accidents on tanker ships or oil rigs cause huge amounts of crude oil and other substances to spill into the sea. Oil spills are very damaging to the ecosystem.

#### Tourism

When we develop coastal areas, we destroy habitats. Activities such as boating, diving and snorkelling may disturb and damage delicate ecosystems.

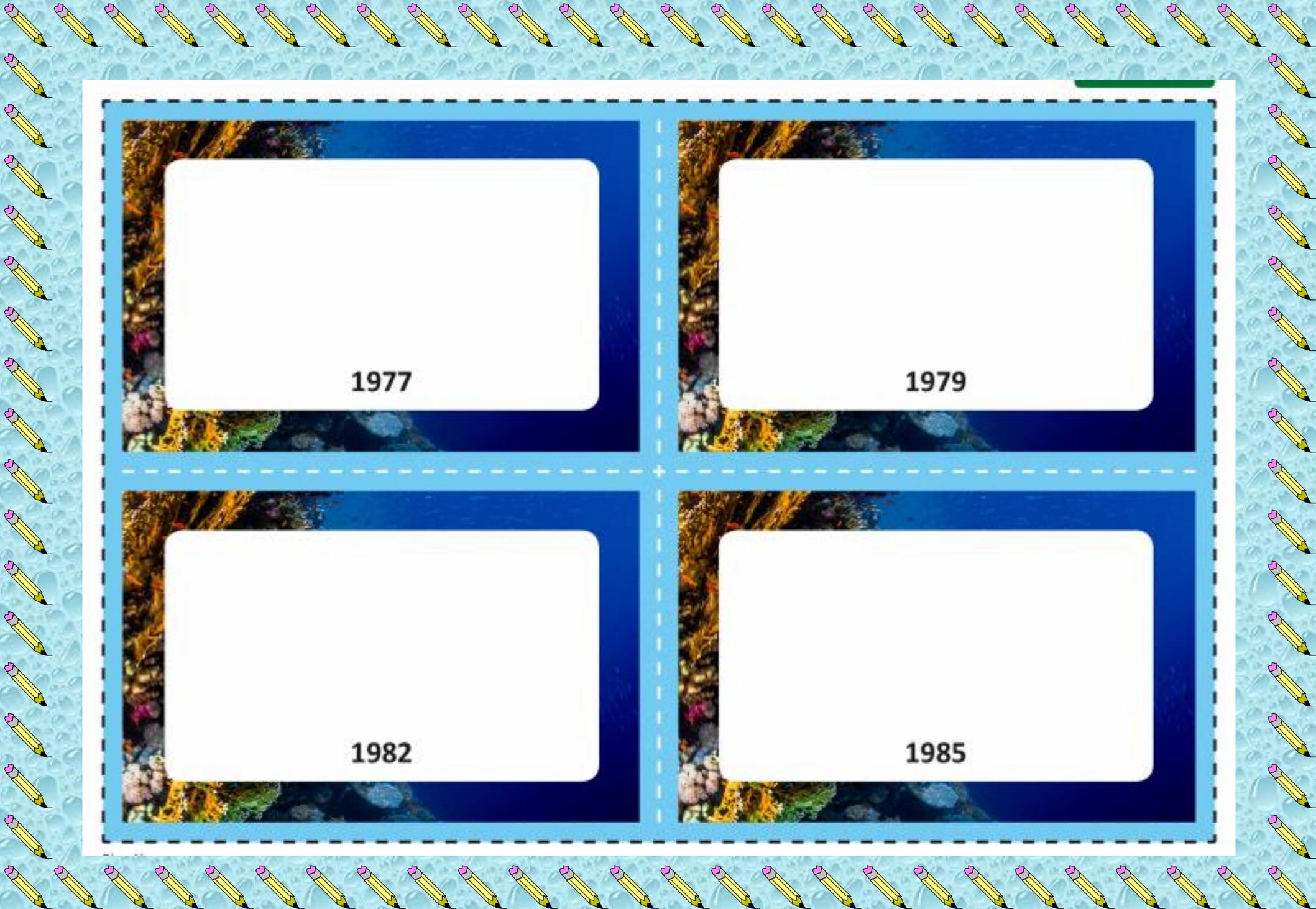
**Can you decide which of these problems is having the biggest impact on our seas and oceans?**

## Keiko the whale

Keiko was a killer whale (*Orcinus orca*). Killer whales, also known as orcas, belong to the oceanic dolphin family.



- 1977** Keiko, a male orca, is born in the Atlantic Ocean near Iceland. His name means 'lucky one' in Japanese.
- 1979** Keiko is captured off the coast of Iceland by a fishing boat. He is taken from his family pod and sold to an aquarium.
- 1982** Keiko is sold to a sea aquarium in Canada to become a performing animal. He develops skin problems due to poor health.
- 1985** Keiko is sold to an amusement park in Mexico City.
- 1992** Warner Bros. Entertainment Inc. begins working on a film called *Free Willy*, which is about a young boy who saves a killer whale played by Keiko.
- 1993** Millions of people watch the film, and there are soon calls for Keiko to be rehomed. School children all over the world raise money to fund a better life for Keiko.
- 1995** Keiko is airlifted to Oregon in America. He is placed back in natural seawater for the first time in 14 years. His health slowly recovers.
- 1998** Keiko gains weight and learns to hunt for food. He is sent to a sea pen in Iceland to prepare him for life in the wild.
- 2001** After three years of preparation in the open ocean, Keiko is hunting for his own food and interacting with other killer whales.
- 2002** Keiko is released from his pen. His tracking device shows he travels almost 1000 miles to Norway.
- 2003** On 12th December, Keiko dies in Norwegian coastal waters, aged 26. He is buried near to the bay where he died.
- 2003–present** Many people become involved in conservation and animal rights issues because of his story.



1977



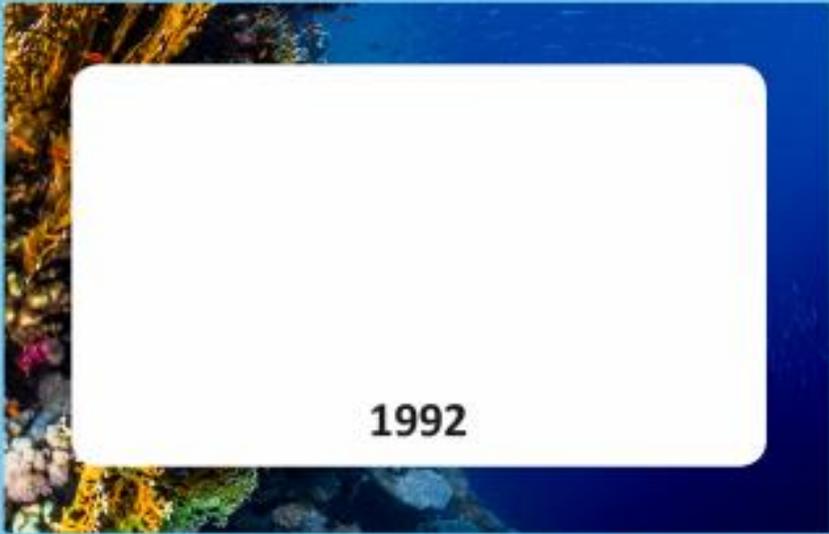
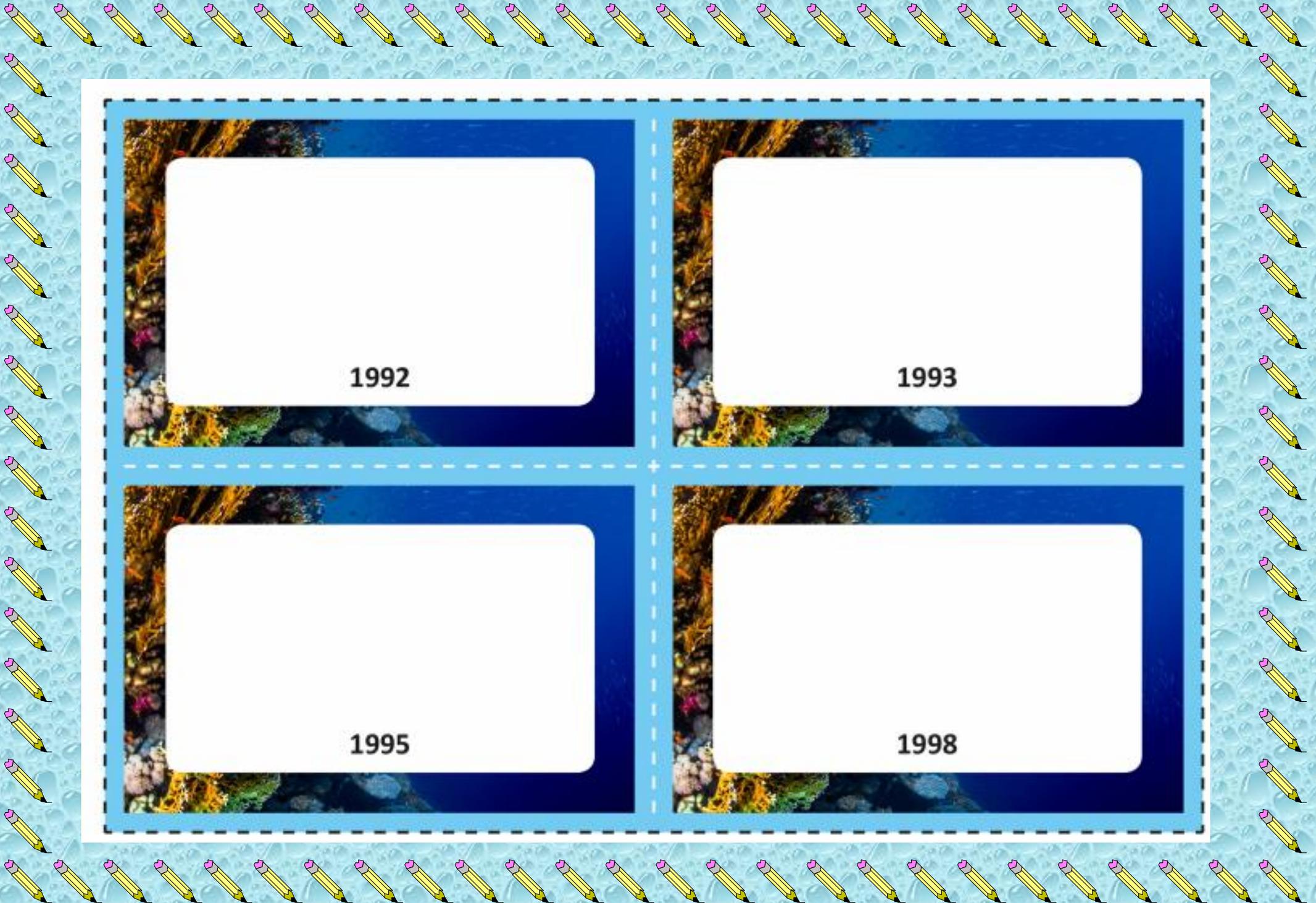
1979



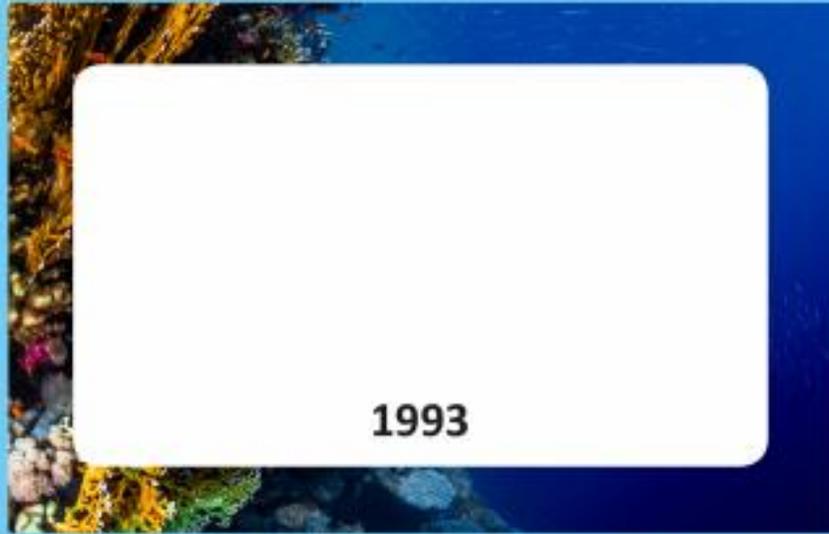
1982



1985



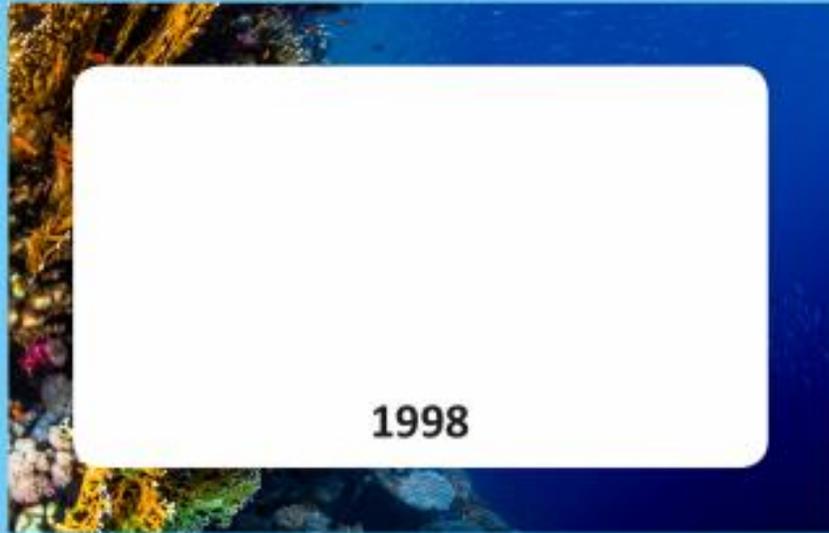
1992



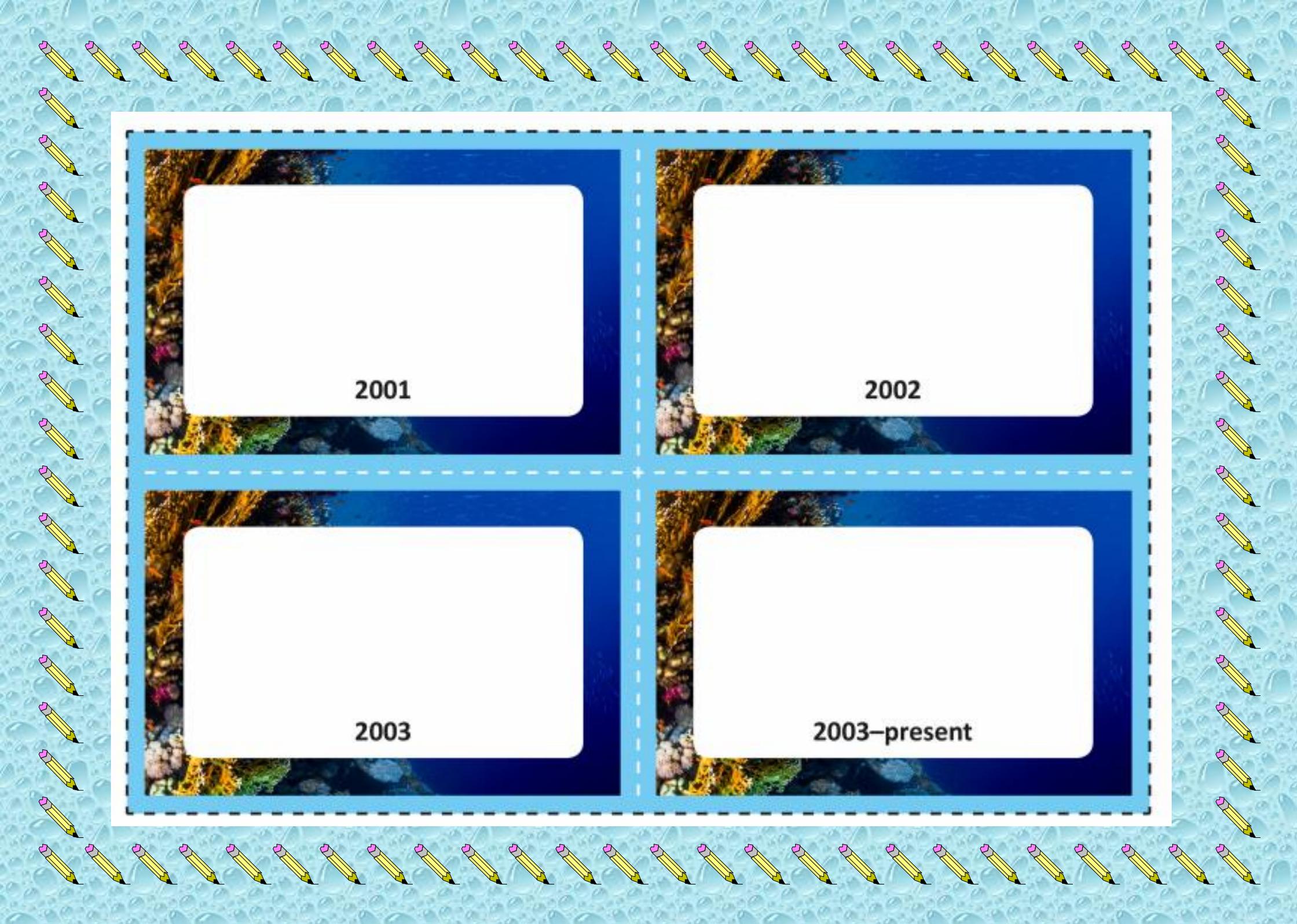
1993



1995



1998



2001

2002

2003

2003–present