



TIDES?



Proxi and Peri Bench Mark Scores

Theme	Proxi and Peri Benchmark Score out of 10	How can we raise the score?
Heritage	9	Ş
Water	4	,
Biodiversity	6	?
Energy	9	Ş
Hydropoetics	5	?
Future	7.5	?



Can seeds survive for more than 100 years?

YES

NO



YES!

Seeds can grow after hundreds of years laying dormant!

From 1680 until the early 1900's trade boats from all over the world would off load their ballast into the river at Bristol.

Ballast is earth, stones and gravel used to weigh down a boat if it has no real cargo

The ballast contained the seeds of plants from wherever the ship had sailed.

These ballast seeds can be dormant for hundreds of years, but by excavating the river bed, it is possible to germinate and grow these seeds into flourishing plants.

The Arnolfini and their partners have used a disused concrete barge and created a permanent Ballast Seed Garden on Bristol's Floating Harbour, filled with a variety of non-native plants, creating a living history of the city's past and reflecting the different routes travelled by Bristol

merchants worldwide.

Find the location of the ballast garden. Can you see anything nearby the barge that will have sprouted naturally on the river bank from ballast emptied from a ship?





Have swans lived in the harbour for more than 100 years?

YES

NO



YES!

Swans have been in Bristol's docks for at least 300 years!

- They're here all year, but numbers go up in winter, when birds fly in to benefit from warmer waters and a guaranteed source of food.
- Swans fly away to breed, because of a lack of suitable nest sites in the docks.
- You can tell males from females by their bill – they're brighter orange and have a larger black lump on top.
- Swans sometimes crash land on Bristol Bridge, causing traffic chaos!

Spotted a swan in the harbour?





Which of these birds can you spot in the harbour?



Pigeon



Sparrow





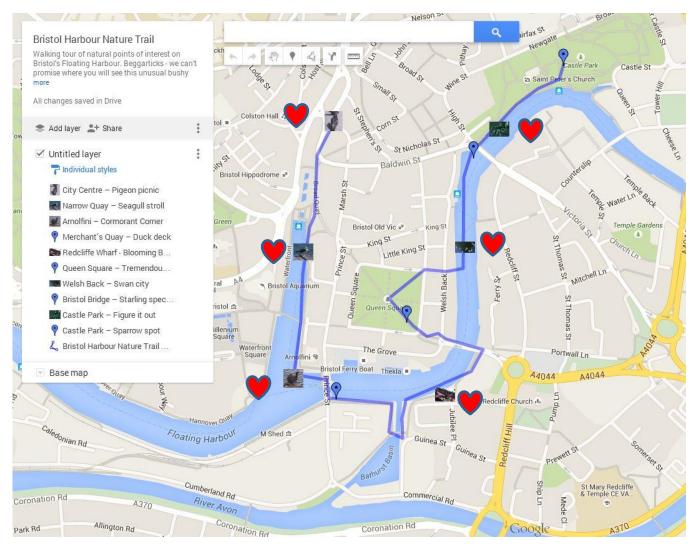


Cormorant





Look at the map to see the best place to spot the biodiviersity -



Click on this <u>link</u> to interact and find out more. Remember to stay safe.

But ... it's not all good news the environment could be improved

- There are campaigns happening in Bristol which are supporting the wildlife and trying to increase biodiversity.
- 'Avon Wildlife Group' are trying to improve habitats for wild animals. Here's the <u>link</u> to tell you about how you could get involved.
- 'City to Sea' are looking at how to minimise plastic waste which are polluting the sea and killing wildlife.

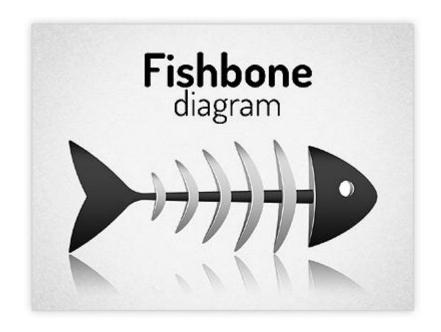
What can you do?

The World Wildlife Fund has ideas on how you can change the way you live.

Look at their suggestions for:

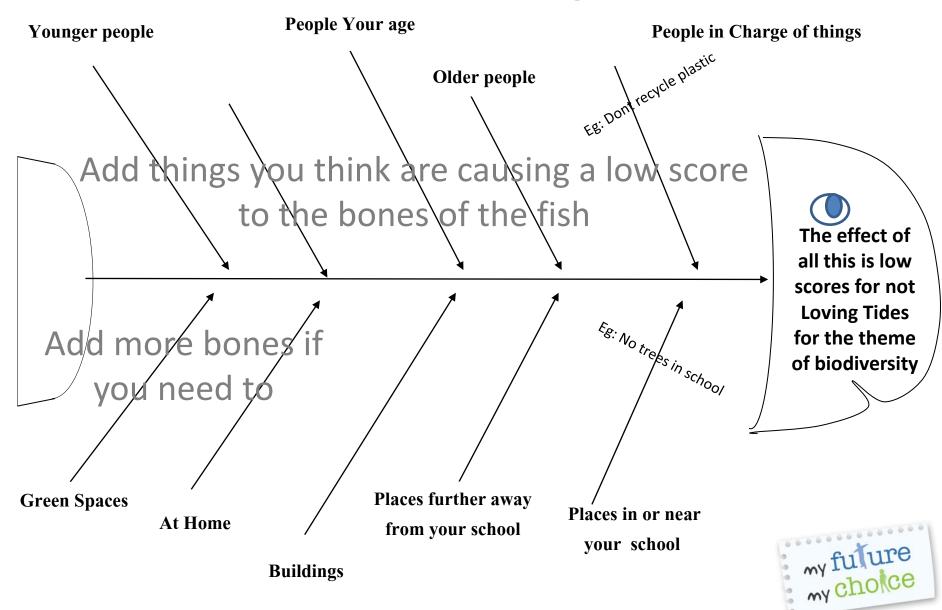
Thinking about your lifestyle

 Make a 'fish bone' diagram of all the things that you think causes the score to be lower than 10 for that theme





Fish Bone Diagram



Feed back

Send us a picture of your fishbone(s)

Twitter - @MF_MC

Email - info@myfuturemychoice

Instagram – mfmc_bristol





