

**HIGH SEAS WORKSHEET**

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| **Name** |  |
| **Class** |  |

**INSTRUCTIONS**

1. Watch this 7 minute video ‘‘[How to Save Our High Seas’](https://www.ourplanet.com/en/video/how-to-save-our-high-seas/) narrated by Sir David Attenborough.
2. Spend some time visiting the High Seas biome on our [explorable globe](https://www.ourplanet.com/en/explorable-globe/high-seas)
3. Spin the globe to locate Chapter 1 ‘Home of the Whales’. Then, read through Chapter 1 to Chapter 11 carefully. Remember to click the play buttons on the globe or the ‘See More’ buttons to reveal extra content to help you collect more detailed information and examples.

**Complete the questions and tasks below.**

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| *Use the explorable globe to help you find the answers to the following questions.*   1. **Why do plankton blooms form and why are they important?** | |
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| 1. **Read ‘A Circular System’ and watch the ‘Circle of Life’ clip on the explorable globe. Draw a diagram below and label it to demonstrate how the circular system of plankton and whales help to recycle precious nutrients.** | |
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| 1. **List some of the reasons why populations of these ocean species are plummeting:** | |
| **Sharks** | **Bluefin Tuna** |
| 1. **Click ‘See more’ and watch ‘Return of the Whales’ on chapter 5 of the high seas explorable globe. Then, fill in the blanks in the paragraph below:** | |
| Centuries of whaling meant whales were on the brink of extinction \_\_\_\_\_years ago however international cooperation has led to a resurgence in populations.  Southern Blue Whale numbers are increasing by \_\_\_\_\_percent a year, Grey Whales have recovered to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and humpbacks are expected to be back to full strength by \_\_\_\_\_\_\_\_.This is good for climate change as whale \_\_\_\_\_\_ helps fertilise the ocean’s surface layer, providing food and increasing the abundance of \_\_\_\_\_\_\_. | |
| 1. **How could someone purchase fish for consumption in a way that helps to protect our high seas?** | |
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| *Use the How to Save Our High Seas video to help you find the answers to the following questions.*   1. **a) What ocean plant can help in the fight against climate change**   **b) to what extent can they help?** | |
| **a)**  **b)** | |
| 1. **Whales perform two crucial functions that help create plankton blooms, what are these?** | |
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| 1. **What two things do we need to control better if we are to protect the high seas?** | |
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| 1. **Fishing on the high seas is expensive and only amounts to 1/10 of the catch obtained in coastal waters, with this in mind, how may we decrease the incentive to fish here?** | |
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| 1. **By 2050 there could be a greater weight of plastics in the ocean than fish.** 2. **Explain how plastics may end up in the stomach of a whale** 3. **What major way can we prevent waste from reaching the oceans?** | |
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| 1. **The United Nations are negotiating a treaty to protect all life in the high seas. What evidence is there of similar treaties working in the past?**   *Use information from across the explorable high seas globe to help you.* | |
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