

**Seven Worlds One Planet**

**INSTRUCTIONS**

Each programme on BBC IPLAYER matches a continent. See the link below:

1. Antarctica
2. Asia
3. South America
4. Oceania (Australia)
5. Europe
6. North America
7. Africa



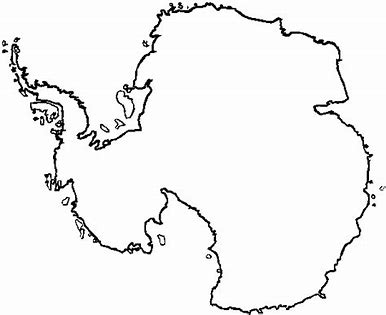
**Antarctica -** <https://www.bbc.co.uk/iplayer/episode/m0009tt8/seven-worlds-one-planet-series-1-1-antarctica>

**Task Lesson Part 1**

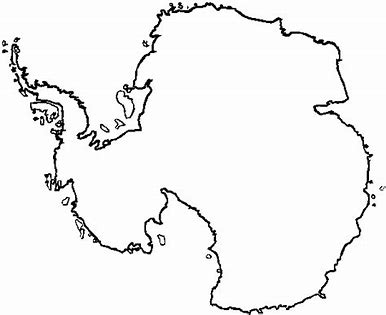
For each episode you have **questions to answer** as you watch the programme.

**Task Lesson Part 2**

Part 2 is a **research task** linked to the problem identified in each of the episodes. You need to complete the worksheet (part 2) **in your own words.** You should read the links attached. You must also source any individual research (show where you found it by copying internet links etc).

**ANTARCTICA - EPISODE 1 - PART 1**

1. How many year ago was the first explorer to land in Antarctica?
2. What adjective is used to describe the environment?
3. How much of Antarctica is covered in ice?
4. An area more than …… size of the United States
5. Name the mammal that is the only mammal to live this far south
6. What is the lowest temperature recorded here?
7. Name the bay where King Penguins live
8. How many king penguins live here?
9. How many years ago did the continent drift south?
10. Name the dependent species that humpback whales rely on for their food
11. Describe the combined weight of these species.
12. Describe how humpback whales concentrate the shoal
13. Describe what is happening to the Southern Ocean
14. How much of the worlds ice lies in Antarctica?
15. Describe the rate of melting every decade
16. As a result of the melting describe an impact of this
17. Describe what the most immediate threat is and explain why
18. Antarctica is the ……………. Continent
19. How far might the Gentoo penguin travel every day for food
20. Name another fact about the Gentoo penguin
21. Explain why collecting of food for penguins is becoming more difficult.
22. How much ice freezes over in the winter?
23. How many whales were caught before the protection treaties were put in place?
24. How many whales were caught during this time?
25. How were the whales used when they were caught?
26. Describe the blue whale
27. Describe the population of whale numbers over the past decade
28. What year did the law/regulation come in to stop commercial whaling
29. Name the island which was the largest congregation of great whales ever filmed
30. Explain why the ocean is important for our world’s global atmosphere?
31. Describe Antarctica’s warming

**ANTARCTICA - EPISODE 1 - PART 2**

Research task-Write your research (This must be in full sentences and in your own words.

**PROBLEM-WARMING OCEANS IN ANTARCTICA**

**PROBLEM**

**CAUSES**

**IMPACTS**

**SOLUTIONS**

**RESOURCES**

* <https://www.nationalgeographic.org/encyclopedia/antarctica/>
* <https://www.ducksters.com/geography/antarctic.php>