

GRAPHING WHALE SIZES -- 2ND GRADE

1. Find a section of hallway long enough to measure your whales.
2. Mark one end of your whale length with a rock or other small weight.
3. Use the tape measure to measure the length of the animal.
4. Place another weight at the other end of the animal's length.
5. Use the adding machine tape to run a line from one end of the whale to the other. Place the weights on the adding machine tape.
6. Write the name of the mammal and its length on the adding machine tape.
7. When you have finished measuring your whales, be sure and walk through the other student's whale measurements and discuss the different lengths of whales.
8. Have the children record the data for each mammal and graph it on their graph paper.
9. While students are graphing their data show them pictures of the different whales they are graphing.

Group 1

- * **Humpback whale -- 52 feet**
- * **Orca (Killer whale) -- 27 feet**
- * **Narwhal -- 16 feet**

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Group 2

- * **Minke whale -- 30 feet**
- * **Sperm whale -- 60 feet**
- * **Bottlenose dolphin -- 12 feet**

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Group 3

- * **Gray whale -- 45 feet**
- * **Bowhead whale -- 60 feet**
- * **Hector's dolphin -- 5 feet**

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Group 4

- * **Blue whale -- 110 feet**
- * **Beluga whale -- 15 feet**
- * **Human child -- 4 feet (This is not a whale!)**

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Group 5

- * **Pygmy whale -- 20 feet**
- * **Right whale -- 55 feet**
- * **Fin whale -- 85 feet**