

CONTENTS

A Note to Teachers and Parents	4
Welcome to the World of Whales	5
Whale Quiz	7
Answers to the Quiz	8
Scientist's Notebook	9
More about Whales	10
Whale World Map	11
World's Oldest Whale	13
Fish or Whale?	14
Whale of a Tooth	15
Swim and Skim	16
Whale of a Nose	17
Whale of an Appetite	18
How Big Is a Whale?	19
Whale Sizes	20
As Fast as a Whale	21
Whale Sonar	22
Melon Head	23
Whale of a Heart	24
Let's Joust	25
Diving Miss Whale-y	26
What a Baby!	29
Whale of a Life	30
Asleep at the Whale	31
Pod of Whales	33
Whale of a Family	35
Sea Monster	36
Manatee Mermaids	37
Whale Music	38
Whistle While you Work	39
Sea Circus	40
Whale of a Tale!	42
Save the Whales	43
Whale Swap Cards	45
Whale Glossary	47
Whale Resources	48



A NOTE TO TEACHERS AND PARENTS

This book is filled with exciting activities for children. Each page is written directly for the children, with activities and information that they can easily understand.

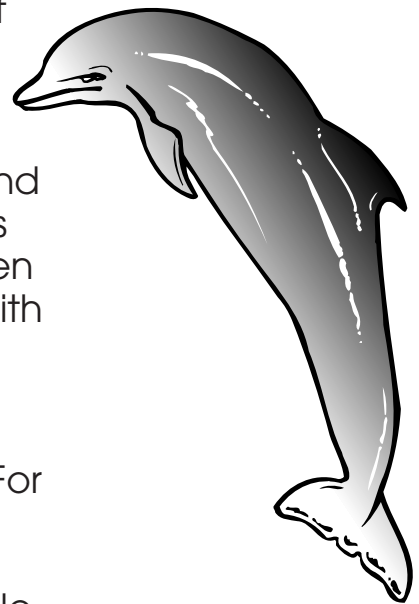
The activities in this book cross the curriculum: maths, English, science and art. For example, children measure each other to find out how many of their friends it would take to be as long as a blue whale. They make a sea circus using sea mammal patterns; they write stories about staying underwater as long as a whale can; they learn the difference between a fish's tail and a whale's fluke and much more!

If you are working through this book as a class, simply photocopy the activities and give a page to each child (or each group of children, if you are doing group activities).

Note that many of the projects are perfect for homework assignments. If you are teaching about geography, children can study maps to find a city or town 1500 kilometres from their own. This is how far a whale can hear under water! Children can then bring back their information to share with the class.

Parents can also help their children with the activities in this book. Directions can be read aloud and the activities can be done together. For example, learn about the speed of whales and then drive with your children in a car. Let them know when you are driving as fast as a killer whale swims!

The most important thing about *Whales* is that children will be having fun while they explore the scientific world!



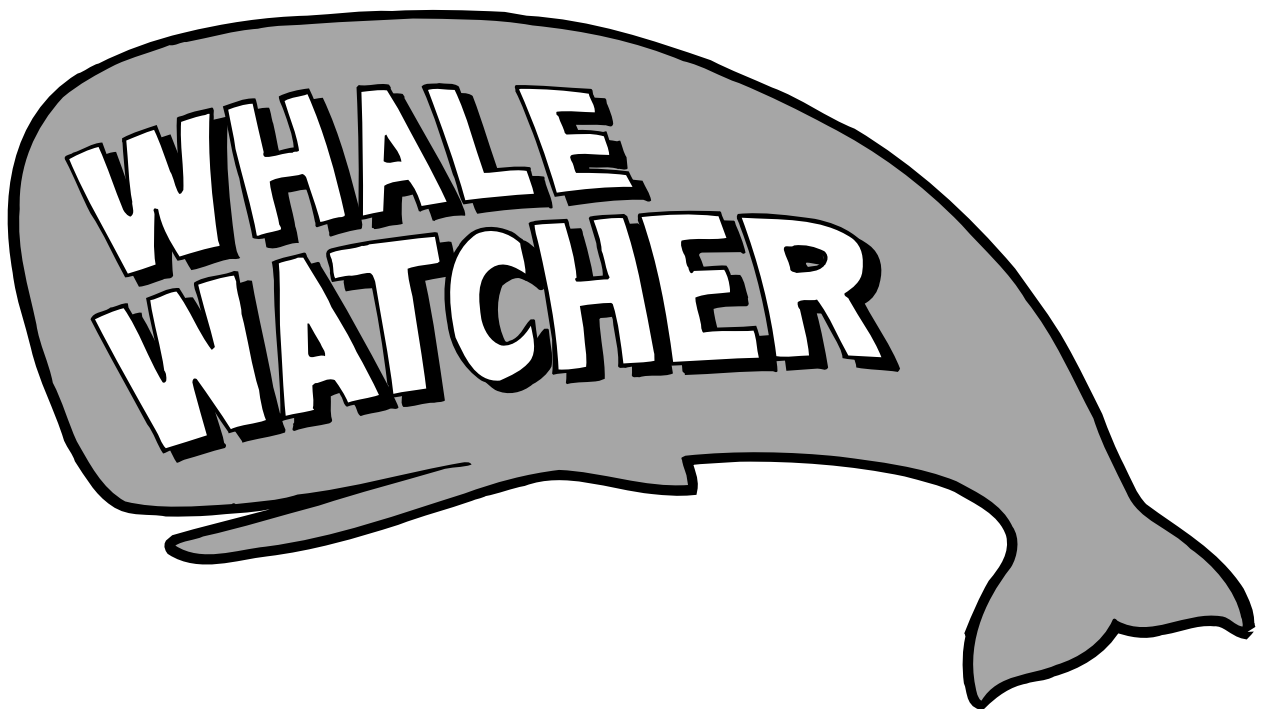
WELCOME TO THE WORLD OF WHALES

The world's largest animals are whales. These amazing creatures aren't fish. They are mammals. This means that they are warm-blooded, air-breathing animals.

There are about 100 different kinds of whales. Some are incredibly huge, like the blue whale, which is the largest animal that has ever lived. Others are much smaller.

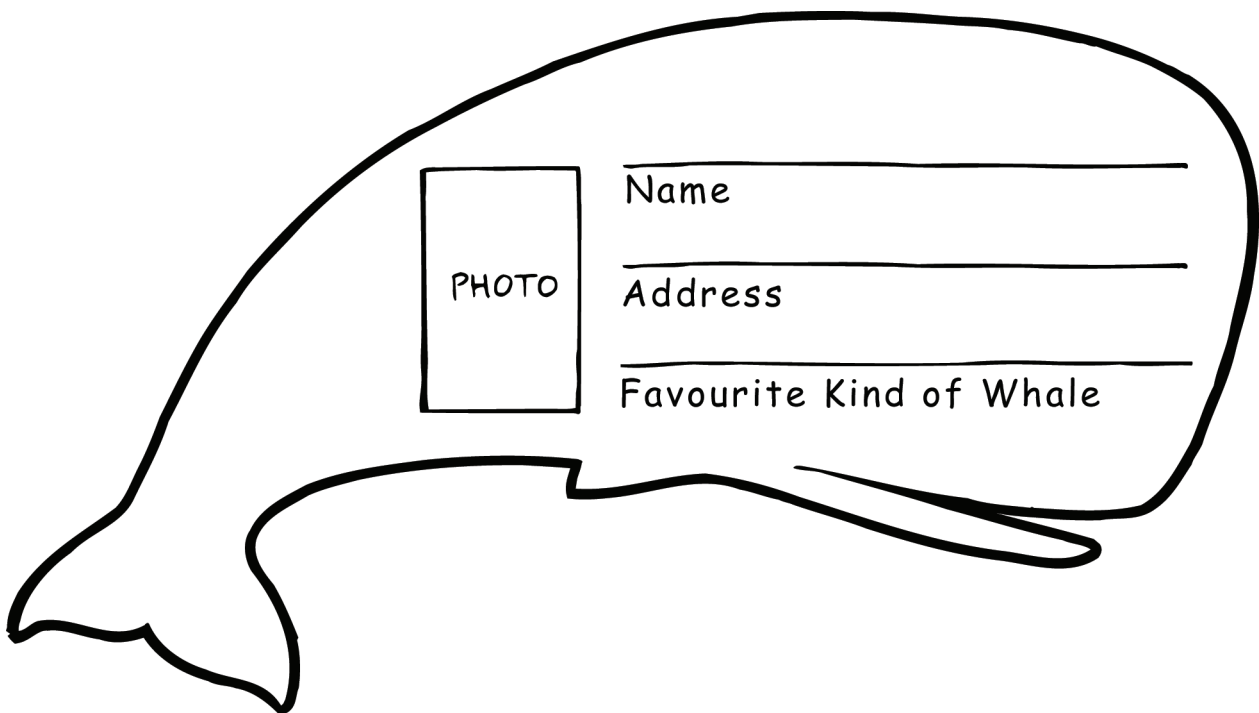
On this journey to study interesting ocean creatures, you'll learn about a wide variety of sea mammals. These include whale family members, such as dolphins and porpoises and also manatees, which share the oceans with whales.

Before we get started, you're going to need a whale watcher's badge. Either draw a picture of yourself or tape a photograph of yourself in the Whale Watcher pattern. Then cover your picture (or drawing) with clear contact paper to protect it.



Now that you have a whale watcher's badge, you're ready to go! But before you learn all about whales, check your current whale knowledge with the Whale Quiz. Then check the Answers to the Quiz. Finally, look at the 'World Whale Map'. This will tell you where different kinds of whales live.

You can use your 'Scientist's Notebook' to start recording information you've learned. Whenever you want to remember a specific bit of information, write it in your notebook. If you run out of room, use any lined paper.



WHALE QUIZ

Answer questions with 'TRUE' or 'FALSE' .

1. Whales are really big fish.
2. Whales can live to be 30 years old.
3. Whales can't smell.
4. All whales have teeth.
5. Dolphins are a type of whale.
6. A killer whale can swallow a 20-kilogram salmon whole.
7. A dolphin can't win a fight with a shark.
8. Each humpback whale has a different pattern on its tail.
9. Male whales are always bigger than females.
10. A male whale is called a bull and a female whale is called a cow.

