



These notes are designed so that you can use them as a guide for teaching or alternatively you can give them to a group of students who will then complete the reading and activities independently or with a partner.

Each set of notes has:

- An activity grid
- The science content and knowledge
- The science vocabulary in the glossary
- The answers to the quiz
- Questions for each chapter to guide reading

There is more than one way to read this book. Here are four examples. No one way is better than the another. You may also like to use the graphic organizers to help guide your reading.

- You can skim through the pages of the entire book, stopping at and studying the diagrams. Then check the glossary to clarify your understanding of any unknown science-related words. This will give you the background science information before you read the story. Then go back and read the story.
- You can read the blurb on the back cover, then jump straight into reading Chapter 1. Read the story as if there were no diagrams or bolded words at all. When you have finished, go back and study the diagrams and glossary words to add to your knowledge.
- You can do a combination of both the above. Read the back cover blurb to find out the storyline. Study the initial diagrams. Then read the book, stopping to consolidate your understanding of the science concepts. Check out the bolded words in the glossary if you are unsure of their meaning.
- You can read the book chapter by chapter, stopping and discussing the story and the science as you go.

When you have finished reading, take the test. You should get six out of six. If you aren't sure of an answer, follow the quiz clues at the end of the book.

Now do one or both of the activities. When you have finished these, complete the black line master activities.

Book Title	Book Activity 1	Book Activity 2	Graphic Organiser 1	Graphic Organiser 2	Black Line Master 1	Black Line Master 2	Black Line Master 3
Crash Landing	Comprehension Literal	Science Experiment	Comprehension Inferential	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Responsibility
Futuristic Park	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Leadership
Incredible Amazon Adventure	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Comprehension Inferential	Multiple Intelligence Musical	Values Responsibility
The Spooky Man Upstairs	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Bodily Kinaesthetic	Values Respect
The Miners and the Morkorth	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Linguistic	Values Responsibility
The Final Wave Goodbye	Multiple Intelligence Interpersonal	Science Experiment	Comprehension Inferential	Science Inquiry	Comprehension Inferential	Comprehension Literal	Values Respect for Others
Secrets of the Sky	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Logical	Values Rights of Others
Fight or Flight	Comprehension Inferential	Science Inquiry	Literacy Vocabulary	Science Inquiry	Comprehension Literal	Multiple Intelligence Visual Spatial	Values Doing Your Best
Dramatic Discovery	Comprehension Inferential	Science History	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Linguistic	Values Tolerance
Beat the Buzzer	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Science Vocabulary	Multiple Intelligence Interpersonal	Values Honesty
Deadly Space Race	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Science Inquiry	Comprehension Inferential	Multiple Intelligence Visual Spatial	Values Doing Your Best
Saving the Sun	Values Integrity & Trustworthiness	Science Experiment	Comprehension Inferential	Science Inquiry	Comprehension Literal	Multiple Intelligence Logical	Comprehension Inferential

The Final Wave Goodbye

Science Content and Knowledge:

Earth Science: Oceans

Level: Upper

Genre: Contemporary Fiction

Reading age: 11.0 years

Science Vocabulary

breaks	phases
crest	rip
current	storm surges
cyclone	tides
friction	tourniquet
gravitational attraction	trough
high pressure	waves
low pressure	weather
	wind

Quiz Answers

Question 1:

Trough, crest

Question 2:

The movement of air from places of high pressure to places of low pressure causes wind.

Question 3:

The gravitational pull between the sun and moon alters the level of the tides.

Question 4:

Swells and waves are created by wind over the sea. Wind across the sea causes ripples. The stronger the wind the larger the ripples.

Question 5:

Coast of Northern Territory

Question 6:

Water breaks on shore. Water moves back to sea. A channel is formed by the flowing water. The strong flow of water creates a current or rip through the waves.

Study Guide

Chapter 1 – Great Friends

Read the chapter to find out about the main characters – what they are like and how do they meet.

Chapter 2 – Being Brilliant

Chapter 2 provides information about one of the characters Hound Dog. Using the title of the chapter as a clue, explain what could happen in this chapter. Read the chapter to find out if your prediction was correct.

Chapter 3 – Perils of the Sea

Jot down all the things you can think of that could go wrong for a surfer in the sea. After you have read the chapter tick the ones that were the same as in the story.

Chapter 4 – Home to New Zealand

As the chapter title suggests, Hound Dog returns to his birth country. How do you think he would feel returning? Do you think he would want to remain living in New Zealand? Read the chapter to find out how Hound Dog copes with going back to New Zealand.

Chapter 5 – The Perfect Storm

Think about the title of the chapter – The Perfect Storm. As a surfer what would it be like to be in the perfect storm? Why do surfers go in search of the perfect storm? How do you think the story will end?

Graphic Organizer 1– Literacy

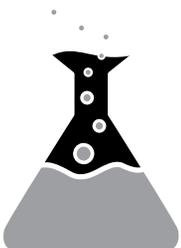
The Final Wave Goodbye

Name _____

- Comprehension – Inferential

Before reading each chapter predict what you think might happen. Use the title of each chapter, the cover illustration, the cover blurb, and the information you have gained from previous chapters to help with your predictions. Once you have completed reading each chapter, summarize what you have read. Compare the notes to see if your predictions were correct.

Chapter	Prediction	Summary
1		
2		
3		
4		
5		



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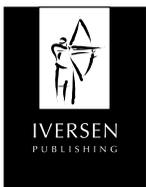
The Final Wave Goodbye

Name _____

- Science Inquiry

As you read you will come across many diagrams and illustrations. Using the information from these diagrams and illustrations complete the table about oceans and currents.

Visual Literary	Page	What it tells me about oceans and currents
Surface Currents		
Rip Currents		
Parts of a Wave		
High and Low Tides		
Wave Formation		



The Final Wave Goodbye

Name _____

- Comprehension – Inferential

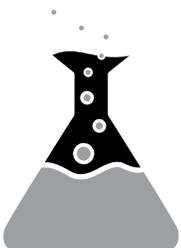
Now that you have read the story, think about the title, *The Final Wave Goodbye*. In the context of the story the title could have a double meaning.

The Final Wave Goodbye – Meaning 1

The Final Wave Goodbye – Meaning 2

Think of any other titles for the story. Write the titles below.

Can you think of titles with double meaning? Explain the double meaning.



The Final Wave Goodbye

Name _____

- Comprehension – Literal

Lips and Hound Dog are two characters in the story. They become close friends. As you read make notes about things that happen to Lips and Hound Dog and how these events affect their relationship.

Things that happen or things that Lips and Hound Dog do	Page	What this does to their relationship



The Final Wave Goodbye

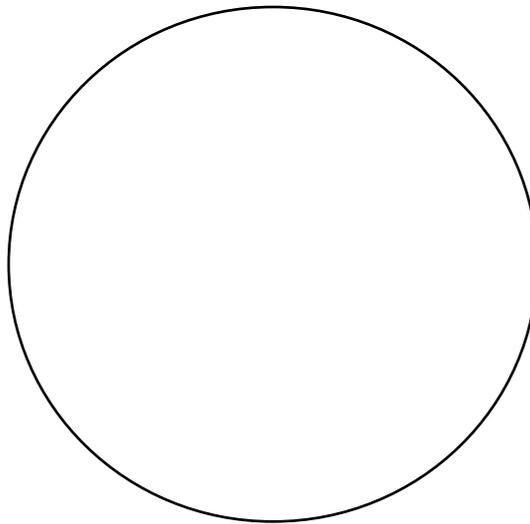
Name _____

- Respect For Others

Complete the diagram below.

Name of friend or classmate

Picture of this person



What you like about this person:

What good things this person does:

Does this person have a nickname? Brainstorm some nicknames for this person. Think about the things you like about this person, and the good things they do.

