



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
The Funniest Ferret	Literacy Vocabulary	Science Inquiry	Comprehension Literal	Science Inquiry	Comprehension Inferential	Multiple Intelligence Musical	Values Tolerance
Sky Farmer	Multiple Intelligence Linguistic	Science Experiment	Comprehension Literal	Science Inquiry	Science Vocabulary	Comprehension Inferential	Values Caring
Net Navigator	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Understanding
Rumbling Beneath the Surface	Comprehension Inferential	Science History	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Intrapersonal	Values Care & Compassion
Slimy Slug Planet	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Respect
Revenge	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Intrapersonal	Values Feelings
Bad moon Rising	Comprehension Literal	Science History	Comprehension Inferential	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Naturalist	Values Freedom
T.C. Ami	Comprehension Inferential	Science Numbers	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Logic	Values Caring
Against the Odds	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Vocabulary	Literacy Vocabulary	Multiple Intelligence Bodily Kinesthetic	Values Doing Your Best
Get Me Out of Here	Comprehension Literal	Science Inquiry	Comprehension Inferential	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Visual Spatial	Values Caring
Jed and the Master Robot	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Science Vocabulary	Multiple Intelligence Interpersonal	Values Honesty
The Useless Tree	Comprehension Literal	Science Experiment	Comprehension Inferential	Science Inquiry	Science Vocabulary	Multiple Intelligence Logic	Values Fair Go Freedom & Responsibility

Net Navigator

Science Content and Knowledge:

Physical Science: Navigation

Level: Lower

Genre: Contemporary Fiction

Reading age: 8.8 years

Science Vocabulary

altitude	latitude
astrolabe	longitude
astronomers	oceanographers
chronometer	Pole Star
compass	radar
dead reckoning	sandglass
flotsam	sonar
jetsam	trade winds
jobbly	water clock

Quiz Answers

Question 1:

North, south, east, west, north-east, south-east, south-west and north-west

Question 2:

Birds nest ashore. Sailors could follow birds back to land. Certain birds flew between mainlands. Sailors could follow birds between the mainlands.

Question 3:

Sailors measured the speed of boats by watching objects drift by in the water. Sailors tied a piece of wood to a rope and dropped it over the side of the boat. The rope had knots tied in it at regular intervals which were counted out over a set period.

Question 4:

The clock

Question 5:

Horizontally

Question 6:

Line of sight and landmarks

Study Guide

Chapter 1 – Dreaded School Project – Help!

Chapter 1 introduces the main characters and forms a relationship between them. Read the chapter to find out what the characters are like and what they think of each other.

Chapter 2 – It's in the Stars

Read chapter 2 to find out how Marcus and Flotsam communicate? What does Marcus think of Flotsam? What are some of Marcus's problems? How does Flotsam help Marcus?

Chapter 3 – Looking for a Little Latitude

The word *latitude* is listed in the glossary of scientific words. Look up the meaning on page 69. Use the title as a clue and predict what will happen. Once you complete reading chapter 3, look up the word *latitude* in a dictionary. The title of the chapter has a double meaning. After reading the chapter explain why you think the author gave this title to the chapter.

Chapter 4 – Attitude is Everything

What was Marcus's attitude towards people like at the start of the story? Think about the title of the chapter. What does it mean? Find out how Marcus deals with his attitude.

Chapter 5 – Marcus's Big Mouth

What does Marcus think of his new friend? How has his attitude changed from the start of the story to the end? How do you think the story will end?

Graphic Organizer 1– Literacy

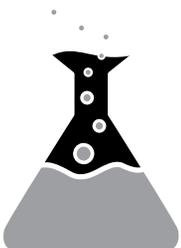
Net Navigator

Name _____

- Comprehension – Literal

As you read the story, jot down some of the problems Marcus has during the story.

Food	
Family	
Girls	
School	
Bullies	



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Graphic Organizer 2 – Science

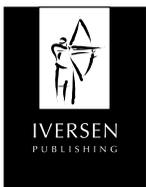
Net Navigator

Name _____

- Science Inquiry

As you read the story, write down information you find about navigation tools and how people navigated in the past.

Navigation tool	How it worked	Who used it



BLM 1 – Literacy

Net Navigator

Name _____

- Vocabulary

How many 2 or 3 letter words can you make using the word *navigator*.

List them below.

NAVIGATOR



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BLM 2 – Multiple Intelligences

Net Navigator

Name _____

- Visual Spatial Intelligence

Draw a map of the route from your home to school.

Draw in any special places or landmarks that you pass on the way to school.

Remember to add a key.



- Understanding

Marcus’s opinion of girls changes from the start of the story to the end of the story. Find and list the things that Marcus does or says. Use the examples to explain how his opinion changed.

Evidence from the book	Where found	What it tells me about Marcus
Bikes through a puddle on the way home splashing Melanie Holden.	Page 8	

