



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.

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

## Dramatic Discovery

### Science Content and Knowledge:

Earth Science: Fossils

**Level:** Upper

**Genre:** Contemporary Fiction

**Reading age:** 11.2 years

### Science Vocabulary

amphibians	molluscs
cast	mould
ecology	palaeontologists
embedded	petrified
excavation	preserved
fossils	remains
geology	scavengers
Ice Age	sedimentary rock
microfossils	sediments
minerals	trace fossil

### Quiz Answers

#### Question 1:

Fossils of traces left by animals, such as footprints, trails and burrows

#### Question 2:

Pliny Moody

#### Question 3:

Any of the following answers can be accepted: Unaltered preservation, petrification and replacement, carbonization, recrystallization or authigenic preservation.

#### Question 4:

Mould – Imprint in rock made by the skeleton of a dead animal or plant.

Casts – Sediments or minerals fill the mould and harden, creating the shape of the dead animal or plant.

#### Question 5:

Palaeontologist

#### Question 6:

What an ancient animal ate and how it walked.

### Study Guide

#### Chapter 1 – Digging up the Dirt

Read Chapter 1 to find out who the main character is, who her friends are and her likes and dislikes.

#### Chapter 2 – Rebellion in the Ranks

What does rebellion mean? Can you think of examples of a person rebelling? Given what you have learnt about the characters in Chapter 1 what could happen to them in this chapter? Use the title of the chapter as a clue.

#### Chapter 3 – A Turn of Events

Think about how Kelly feels about Scott and Andy? Jot down some ways Kelly could make her study group work.

#### Chapter 4 – Operation Excavation

Read Chapter 4 to find out how Kelly, Scott and Andy get on at the excavation. Thinking about the personalities of the group, what could go wrong? What could go well for the group?

#### Chapter 5 – A Dream Comes True

How do you think the story will end? Use the title of the story as a clue. How could her dream come true for Kelly?

# Graphic Organizer 1– Literacy

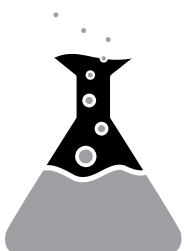
## Dramatic Discovery

**Name** \_\_\_\_\_

- Comprehension – Literal

As you read the story, jot down what you learn about the main characters. Include their likes, dislikes and personality.

Character	Description of the character
Kelly	
Everett	
Scott	
Andy	



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## Graphic Organizer 2 – Science

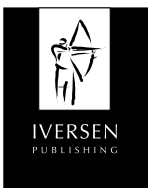
### Dramatic Discovery

**Name** \_\_\_\_\_

- Science Inquiry

As you read the story, jot down notes about the following:

Fossil finding around the world	
The first-ever dinosaur footprint	
Trace fossils	
Palaeontologists	
Sedimentary rock	



# Dramatic Discovery

**Name** \_\_\_\_\_

- Vocabulary

The author uses alliteration throughout the story to make it more interesting. Complete the table below, locating some examples of alliteration from the book.

Page	Alliteration

Once you have completed the table, write your own short story about a dramatic discovery. Use alliteration throughout your story.



Dramatic Discovery

Name \_\_\_\_\_

- Linguistic Intelligence

You have learned many facts about fossils from this book. Choose six scientific words that are bolded in the book. Using the glossary, find the meaning of the word and write a sentence containing the word.

Scientific word	Page found	Sentence



## Dramatic Discovery

Name \_\_\_\_\_

- Tolerance

Complete the following questions.

Kelly and Everett were bullied by Scott and Andy. What did they do about their problem?

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How did Kelly's dad help?

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How would you feel if you were being bullied?

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What would you do if you were being bullied?

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