

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>Cassandra's Clever Dad</b>	Values Honesty	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Logical	Literacy Inquiry
<b>Bushfire</b>	Comprehension Inferential	Science Vocabulary	Literacy Vocabulary	Science Inquiry	Comprehension Literal	Multiple Intelligence Linguistic	Values Cooperation & Teamwork
<b>Magnets Malwinski</b>	Values Tolerance	Science Vocabulary	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Linguistic	Comprehension Inferential
<b>Alexander Becomes and Astronaut</b>	Values Responsibility	Science Inquiry	Comprehension Literal	Science Inquiry	Science Vocabulary	Multiple Intelligence Linguistic	Comprehension Inferential
<b>Battered to Bits</b>	Comprehension Literal	Science Experiment	Literacy Vocabulary	Science Inquiry	Comprehension Inferential	Multiple Intelligence Logical	Values Respect
<b>The Devious Desert Racer</b>	Comprehension Inferential	Science Inquiry	Multiple Intelligence Logical	Science Inquiry	Literacy Vocabulary	Comprehension Inferential	Values Respect, Care, Integrity, Responsibility
<b>The Wild Ride</b>	Literacy Vocabulary	Science Inquiry	Comprehension Literal	Science Inquiry	Comprehension Literal	Multiple Intelligence Linguistic	Values Responsibility
<b>Day of Fire</b>	Comprehension Inferential	Science Inquiry	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Linguistic	Values Priorities
<b>Isabella Remington – Basketball Star</b>	Comprehension Inferential	Science Experiment	Comprehension Literal	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Bodily Kinaesthetic	Values Doing Your Best
<b>Hurricane Tamer</b>	Comprehension Inferential	Science Numbers	Values Doing Your Best	Science Inquiry	Literacy Vocabulary	Multiple Intelligence Musical	Comprehension Literal
<b>Trouble on the Track</b>	Literacy Vocabulary	Science Numbers	Comprehension Literal	Science Inquiry	Comprehension Inferential	Multiple Intelligence Naturalist	Values Relationships
<b>Beyond the Thicket</b>	Comprehension Literal	Science Inquiry	Comprehension Inferential	Science Inquiry	Science Vocabulary	Multiple Intelligence Visual Spatial	Values Compassion & Fair Go

# Battered to Bits

## Science Content and Knowledge:

Earth Science: Weathering and Erosion

Level: Middle

Genre: Fantasy

Reading age: 9.8 years

## Science Vocabulary

avalanche	landform
barrier islands	magma
California Current	minerals
canyon	mountain
crust	North Pacific Drift
current	pumice
debris	sediment
deposited	stratovolcano
earthquake	volcano
erosion	weathering
fossils	

## Quiz Answers

Question 1:

Weathering

Question 2:

Igneous

Question 3:

Heat and pressure

Question 4:

Sediment is dropped in a new location

Question 5:

Deposition

Question 6:

The crust is solid rock, the mantle is melted rock.

## Study Guide

Chapter 1 – First Impressions

Read the chapter to find out where the story is set and who the main characters are.

Chapter 2 – Stony's Start

Chapter 2 reveals the personality of Stony. As you read jot down your first impressions of Stony. What is he like? What do people think of him.

Chapter 3 – Face-Off

Use the information you have gained from the previous chapters and what you know about the characters of Stony and Sandy to predict what might happen. Jot down your ideas and when you have finished reading the chapter, look back at your notes to see if you were correct.

Chapter 4 – Claim to Fame

What could be the characters claim to fame? Predict Stony and Sandy's claim to fame. Read the chapter to see if you were correct.

Chapter 5 – Blown Away

How do you think the story will end? After reading the chapter do you think *Blown Away* is a good title for the chapter? Why or why not? What would be a more appropriate title?

# Graphic Organizer 1– Literacy

## Battered to Bits

Name \_\_\_\_\_

- Vocabulary

Suffixes are groups of letters added to the end of a word.

For example:

ful – joyful

er – closer

ness – kindness

As you read, locate words with each of the following suffixes in the book.

Locate 4 words with the suffix:

ed				
er				
ing				

Locate 3 words with the suffix:

es			
ly			

Locate 2 words with the suffix:

ion		
ment		

Locate 1 word with the suffix:

ent	
ous	
ies	



## Battered to Bits

Name \_\_\_\_\_

- Science Inquiry

As you read the story, make notes about each type of weathering. Give an example of each type of weathering that the characters encounter.

Physical or mechanical weathering

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Chemical weathering

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Biological weathering

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# Battered to Bits

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

- Comprehension – Inferential

Make a list of words that describe the personality of the following characters.

Use a thesaurus to help you.

Stony	Sticky	Sandy



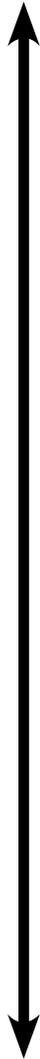
## Battered to Bits

Name \_\_\_\_\_

- Logical Intelligence

Complete a timeline for both Stony and Sandy. Write down the major events in the lives of both of the characters in chronological order.

Stoney



Present Day

Sticky



Present Day



## Battered to Bits

Name \_\_\_\_\_

- Respect

What do you think of Stony’s boastful storytelling. How did it compare with the way Sandy told stories? Think of a place you would like to visit. Write a paragraph explaining where this place is and why you want to go there. Using the information from the first paragraph, write a boastful paragraph.

Descriptive paragraph

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Boastful paragraph

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