

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

Isabella Remington - Basketball Star

Science Content and Knowledge:

Physical Science: Kinetic and Potential Energy

Level: Middle

Genre: Fantasy

Reading age: 10.0 years

Science Vocabulary

direction	movement
elevation	physical science
energy	position
fibres	potential energy
force	propel
gravity	speed
heat	tendons
kinetic energy	work
motion	

Quiz Answers

Question 1:

The energy due at an object's position or structure

Question 2:

Stored potential energy is used when you are about to jump

Question 3:

When you bend your knees and ankles you stretch your muscles – this is potential energy stored.

Question 4:

Basketball player bending their knees, ankles and elbows, stretching their muscles, (Potential energy) and propelling themselves in the air (Kinetic energy)

Question 5:

Through practise of skills such as jumping

Question 6:

Movement, heat and sound

Study Guide

Chapter 1 – Tall Stories

Chapter 1 introduces the main character and the complication in the story. Read the chapter to find out what this is.

Chapter 2 – The Bad Bully

Think about the title of the chapter – *The Bad Bully*. From what you have read about Isabella, what do you think could happen in this chapter? Jot down your ideas. Read the chapter and check back to see if you were right.

Chapter 3 – The Lesson

How do you think Isabella could overcome her problems? What type of lesson could help her?

Chapter 4 – Game Time

Think of a time when you did something really well. How did it make you feel? Using the title of the chapter as a clue, what do you think will happen? How do you think Isabella will feel?

Chapter 5 – Practise Makes Perfect

How do you think the story will end? Do you think Isabella has changed? What do you think has made her change? Has it made her a better or worse person?

Epilogue

Read the epilogue on page 68–70. Why do you think the author has written an epilogue for the story?

Graphic Organizer 1– Literacy

Isabella Remington – Basketball Star **Name** _____

- Comprehension – Literal

As you read the story, jot down any basketball tips.

Tip	Explanation



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Graphic Organizer 2 – Science

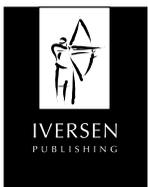
Isabella Remington – Basketball Star **Name** _____

- Science Inquiry

As you read the story, jot down notes about kinetic and potential energy.

Write down examples of kinetic and potential energy from the book.

Type of Energy	Explanation	Example from the book
Potential Energy		
Kinetic Energy		



BLM 1 – Literacy

Isabella Remington – Basketball Star **Name** _____

• Vocabulary

Antonyms are pairs of words that are the opposite of each other.

For example:

The antonym for hot is cold.

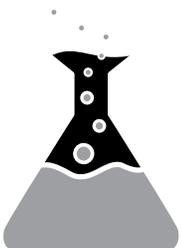
The antonym for fast is slow.

The antonym for big is small.

Locate in the book antonyms for the list below.

Word	Antonym
above	
alone	
back	
bad	
girl	
kind	
like	
move	
never	
over	
problem	
remember	

Pick four other words from the story that have antonyms.



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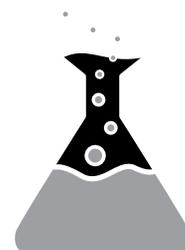
BLM 2 – Multiple Intelligences

Isabella Remington – Basketball Star **Name** _____

- Bodily Kinaesthetic Intelligence

With a classmate, complete the following basketball skills.

Skill	Count
Bouncing with left hand	10
Bouncing with right hand	10
Bouncing alternatively left to right	10
Weaving the ball around your legs	15
Moving the ball around your hips	15
Bouncing ball with eyes shut	10
Shot at the basket	5
Lay up	2
Jump shot	2



BLM 3 – Values

Isabella Remington – Basketball Star **Name** _____

- Doing Your Best

Track the development of the character of Isabella. Provide an example of each of the following.

Isabella's highs

Isabella's lows

Changes in attitude

Negative outlook on life

Positive outlook on life

