



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

# Beyond the Thicket

## Science Content and Knowledge:

Life Science: Genetics

**Level:** Middle

**Genre:** Fantasy

**Reading age:** 10.5 years

## Science Vocabulary

bacteria	hybridization
cells	inherited traits
characteristics	offspring
chromosomes	organisms
cross-breeding	parent cells
DNA	personality traits
dominant trait	recessive trait
genes	species
hereditary	traits

## Quiz Answers

*Question 1:*

Basic building blocks of life

*Question 2:*

Billions

*Question 3:*

Buttercup yellow hair and green eyes

*Question 4:*

Red

*Question 5:*

Recessive

*Question 6:*

Holds coded information about traits

## Study Guide

Chapter 1 – The Odd One Out

Read Chapter 1 to find out who the main character is and the problem in the story.

Chapter 2 – Nature’s Way

Chapter 2 provides clues for Symes into understanding himself and helping solve

his problems. Read the chapter to find out what these clues are.

Chapter 3 – Encounters with Good and Evil

Chapter 3 starts the chain of events in the plot. Given what you already know about the characters, what do you think this might be? Read the chapter to see if your predictions were right.

Chapter 4 – The Magic Thicket

Use the front cover illustration and the back cover blurb to predict what might happen in this chapter. Jot your prediction down on paper and read the chapter. Look back at your prediction once you have completed the chapter to see if you were right.

Chapter 5 – The Discovery

How do you think the story will end? What will happen to Symes? Will all his problems be solved?

Graphic Organizer 1– Literacy

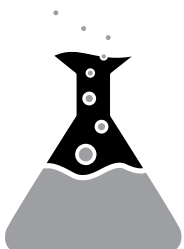
Beyond the Thicket

Name \_\_\_\_\_

- Comprehension – Inferential

As you read the story, think about the different places Symes travels through. Jot down notes describing each of the settings.

Setting 1	Setting 2
Setting 3	Setting 4



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## Graphic Organizer 2 – Science

### Beyond the Thicket

Name \_\_\_\_\_

- Science Inquiry

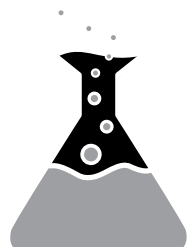
Fill out Column 1 before you start reading.

Fill out Column 2 as you read.

Fill out Column 3 after you have taken the test.

Fill out Column 4 when you have completed all the activities.

What I already know about genetics	What I think I will learn as I read this book	What I found out from reading the book	Questions about genetics that I still have unanswered



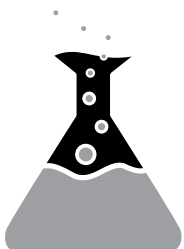
# Beyond the Thicket

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

- Vocabulary

Choose 4 words from the glossary. Research each of these and write a elaborating each word. Use examples or illustrations to help with your definition.

Word 1	Word 2
Word 3	Word 4



## Beyond the Thicket

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

- Visual Spatial Intelligence

Look over Chapter 3 focusing on the description of the Wild Wood. Write a description of the Wild Wood and draw an accurate drawing.

Description of the Wild Wood

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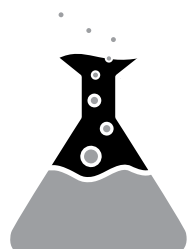
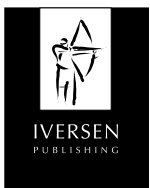
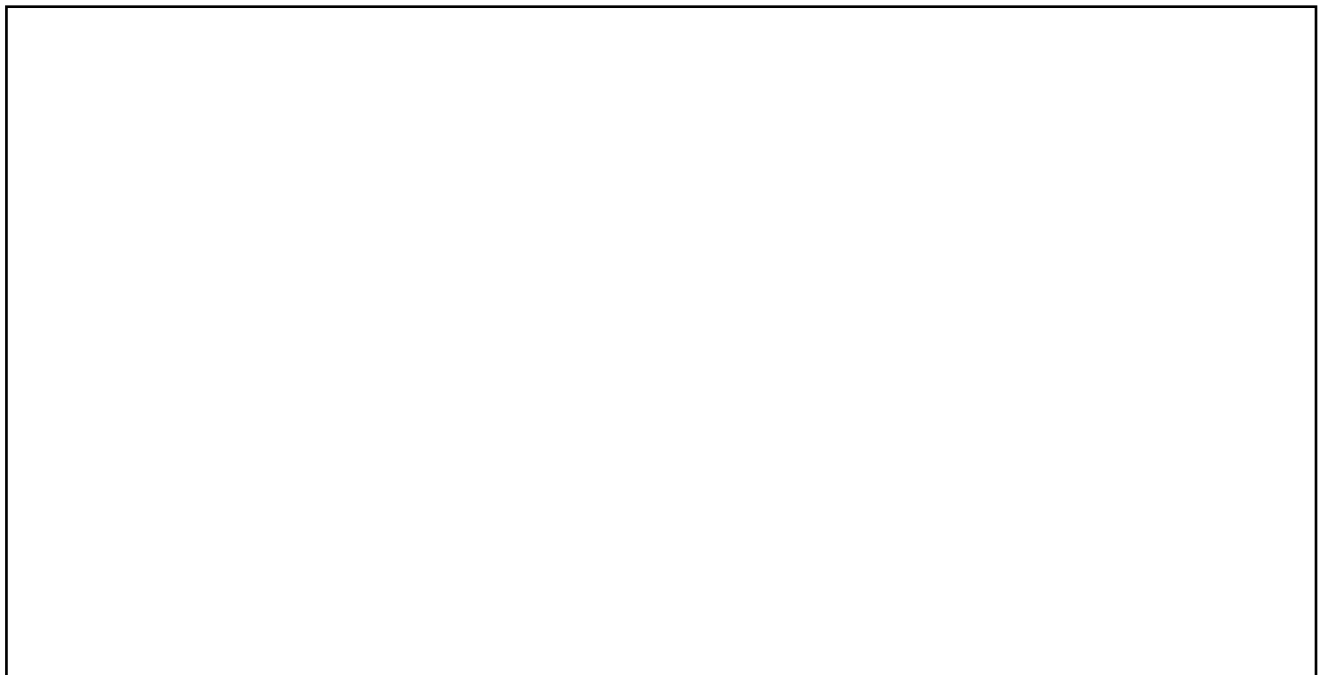
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## Beyond the Thicket

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

- Compassion and Fair Go

Think about the character of Symes and the way he was treated throughout the story.

What do you think of the way Symes was treated? Explain your answer.

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Why do you think people who are different get picked on?

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Can you think of an example? Explain what happened.

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How did you feel about this?

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