



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

# Beat the Buzzer

## Science Content and Knowledge:

Life Science: Classification

Level: Upper

Genre: Contemporary Fiction

Reading age: 11.4 years

## Science Vocabulary

amphibians	kingdoms
arthropods	mammals
backbones	monerans
cell	nuclei
classes	protists
classification	reptiles
fungi	species
genus	vertebrates
invertebrates	worms

## Quiz Answers

*Question 1:*

Animals, plants, fungi, monerans and protists

*Question 2:*

Vertebrates and invertebrates

*Question 3:*

Genus

*Question 4:*

Cat, dog, horse

*Question 5:*

Dry scaly skin, cold-blooded, and breathe by means of lungs

*Question 6:*

Makes them easier to find, easier to share information, and helps to understand them in relation to other living things

## Study Guide

Chapter 1 – Arriving at the Capital

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

Chapter 2 – The Opposition

What does the word *opposition* mean? Read Chapter 2 to find out what Sylvia, Anna and Jeremy think of the opposition? What do the opposition think of them?

Chapter 3 – Under the Lights

The competition begins and each team is eager to win. How do you think you would feel to be in a live television broadcasted competition. Predict how the teams will manage under the bright lights and in front of the camera.

Chapter 4 – A Sneaking Suspicion

What does Sylvia think the other team is up to? Using the title of the chapter as a clue, predict what might happen to the Wallies in this chapter. How do you think they will go in the second round of competition?

Chapter 5 – How to Beat a Cheat?

How do you think the story will end? Think about what Sylvia, Anna and Jeremy have found out. How do you think they will beat the A-Team? Read the chapter to find out how the story will end.

# Graphic Organizer 1– Literacy

## Beat the Buzzer

Name \_\_\_\_\_

- Comprehension – Literal

As you read, jot down the most exciting or interesting part of each chapter.

Arriving at the Capital	
The Opposition	
Under the Lights	
A Sneaking Suspicion	
How to Beat a Cheat?	



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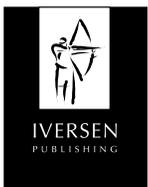
# Beat the Buzzer

Name \_\_\_\_\_

- Science Inquiry

As you read, jot down information about vertebrates and invertebrates.

Vertebrates	
Invertebrates	



# Beat the Buzzer

Name \_\_\_\_\_

- Vocabulary

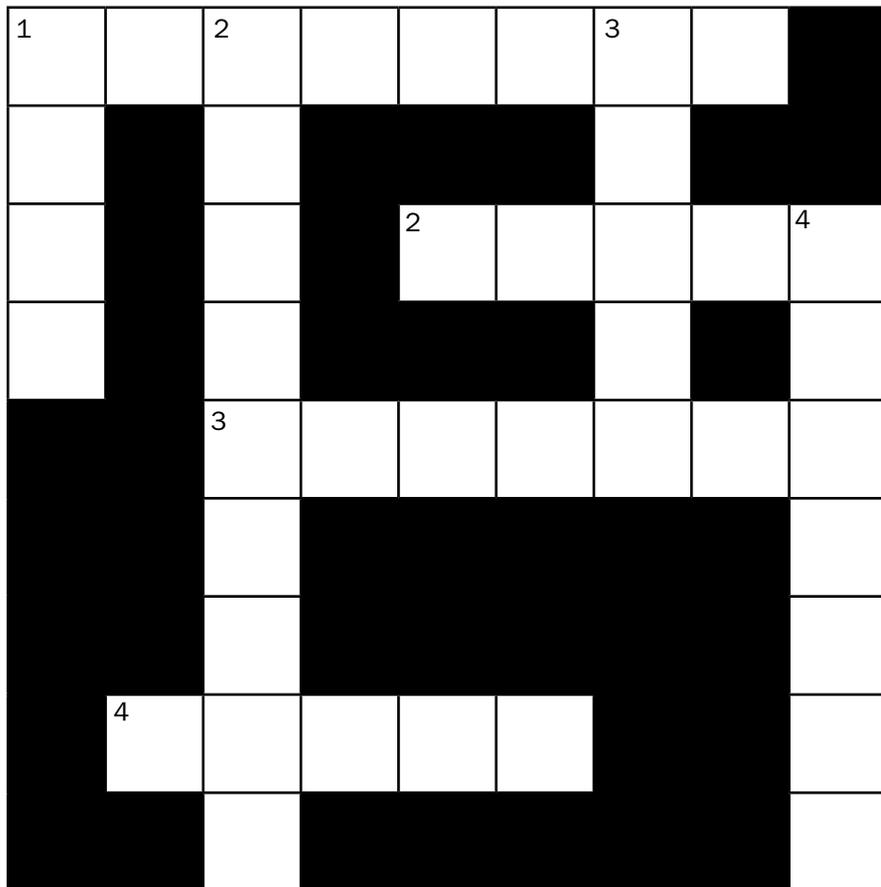
Complete the crossword.

Down

1. The basic unit of all living things
2. Invertebrates that have legs and many joints
3. A mushroom is classified as a \_ \_ \_ \_ \_
4. The smallest grouping of plants or animals

Across

1. Arrange things in groups according to their type
2. A group of related plants or animals
3. Cold blooded animal with dry scaly skin
4. Small invertebrates with soft slender bodies and no backbone or legs.



If you need help with the crossword, check the glossary in the story.



## BLM 2 – Multiple Intelligences

### Beat the Buzzer

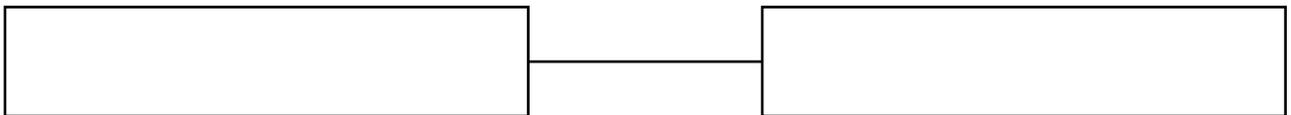
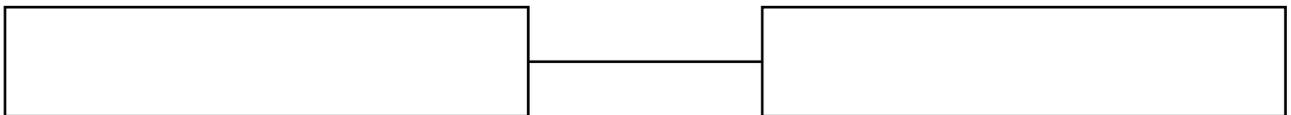
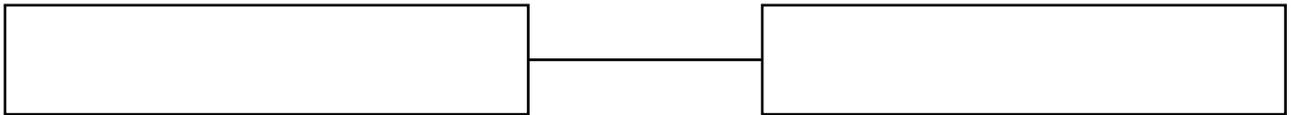
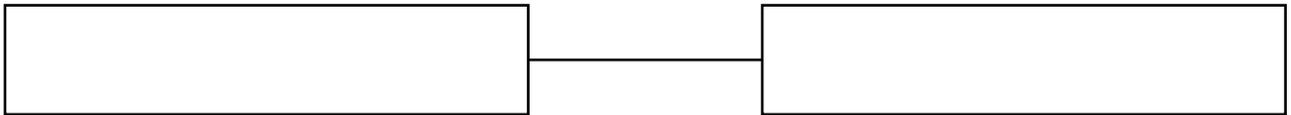
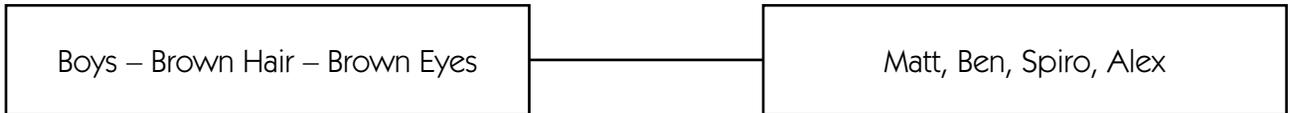
Name \_\_\_\_\_

- Interpersonal Intelligence

Make your own classification chart and classify the people in your class. Make sure each group has at least 3 criteria. Give each group a name.

Example

Name: BB Boys



## Beat the Buzzer

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

- Honesty

How would you feel if you were entered in a competition and you found out another team were cheating? What would you do?

How would you feel?

What you would do and why?

What should be the consequences for the cheating team?

