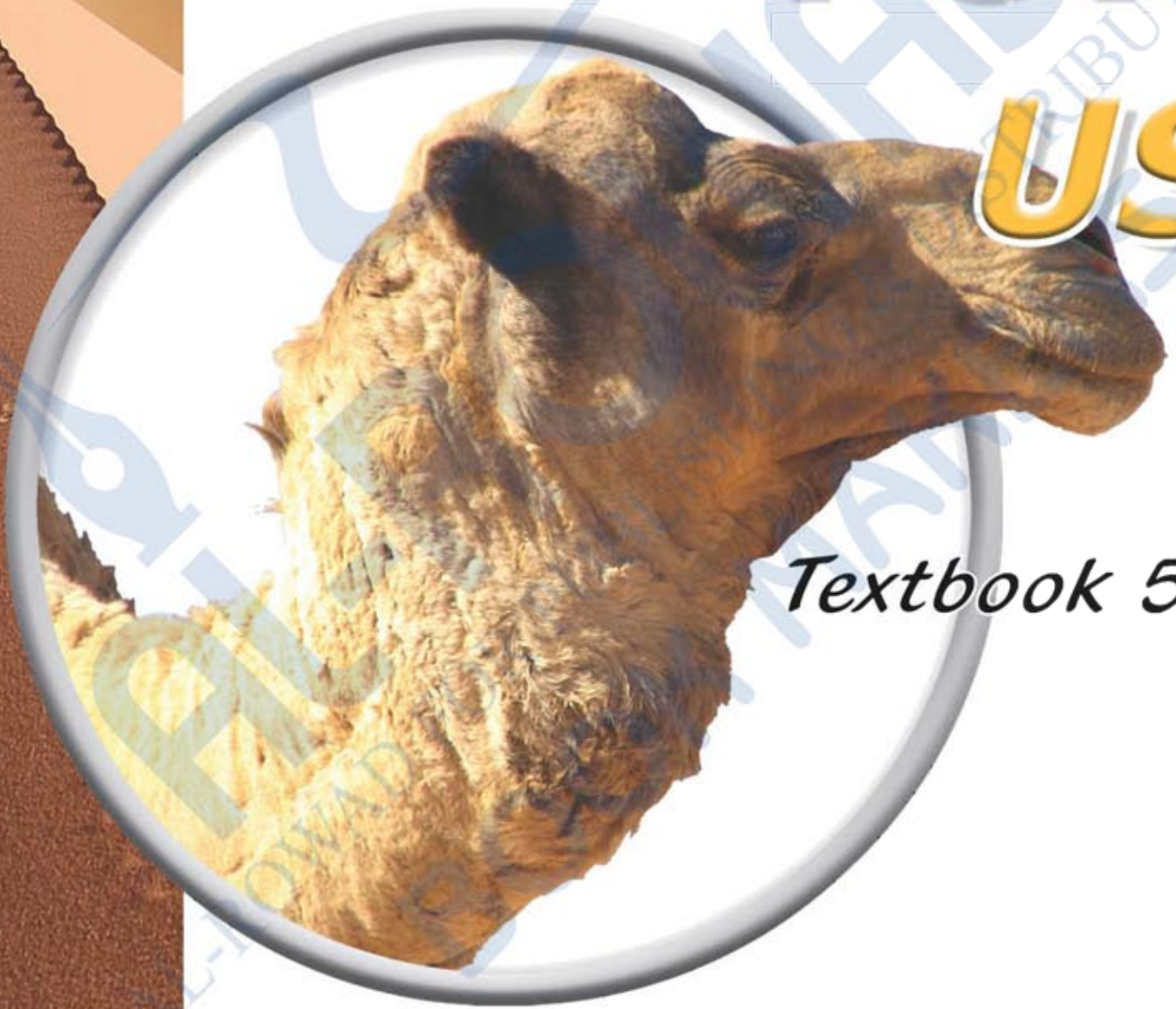


SCIENCE

FOR

US



Textbook 5



Introduction

This is the fifth book of the “Science For Us” series. It consists of twelve units.

Each unit begins with a summary of the main learning outcomes for students.

Each unit consists of investigation activities, keywords and simple information presented along with pictures to support the student’s understanding of the concepts.

Some pages have a link to the workbook to give students an opportunity to apply what they have learnt.

This book is designed to meet the needs of schools that choose to teach Science in English, and aim for a high level student understanding.

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When you see this →
go to the workbook.



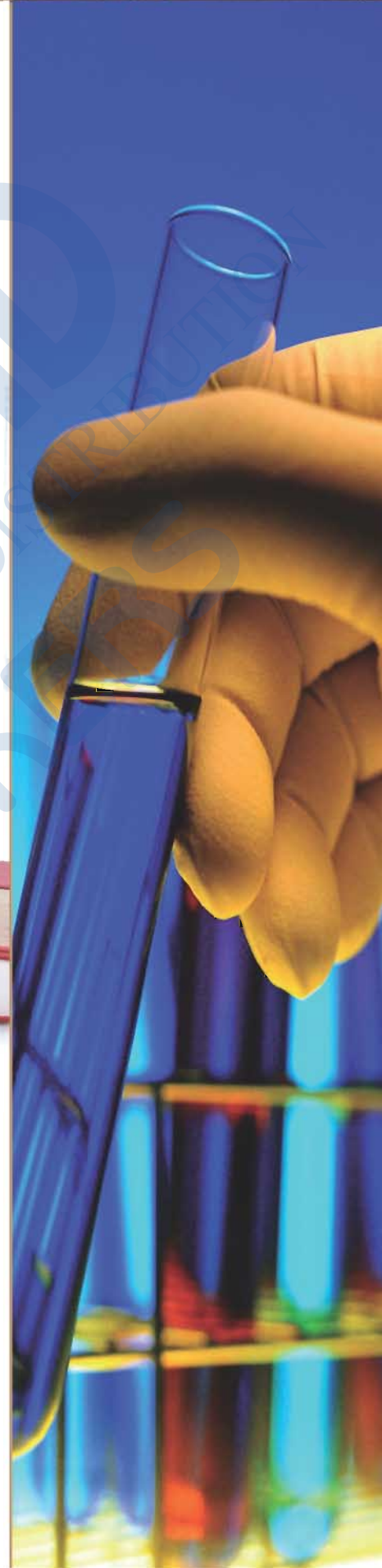


Young Scientist



By the end of the unit, learners will be able to:

- * design a fair test by identifying key factors.
- * develop skills of estimation of quantities such as length and width.
- * express results in the form of bar charts.
- * classify data, observations and draw conclusions from the classification.



Observing and Classifying

Can you help me group these animals?



Hello! I have grouped them by the number of legs they have.

four legs



two legs



wings



Oh really! I have grouped them by if they have wings or not.

no wings



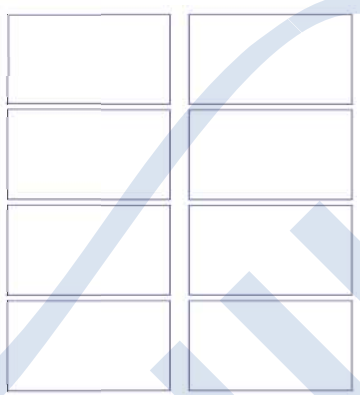
Hmm. I'm better than both of you. I have grouped them by how they reproduce.



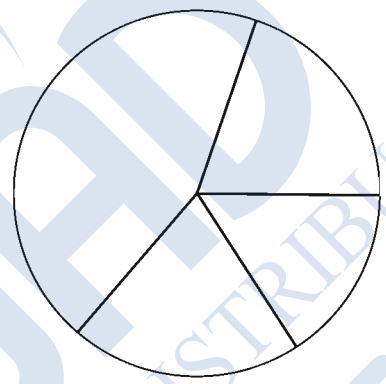
Hmm. Ok let me think about other ways I can group them. Can you help me please?



Now let's show our results in a bar chart. Can you help me?



bar chart



pie chart

Ok! Here is my bar chart.



Two Legs

Four Legs

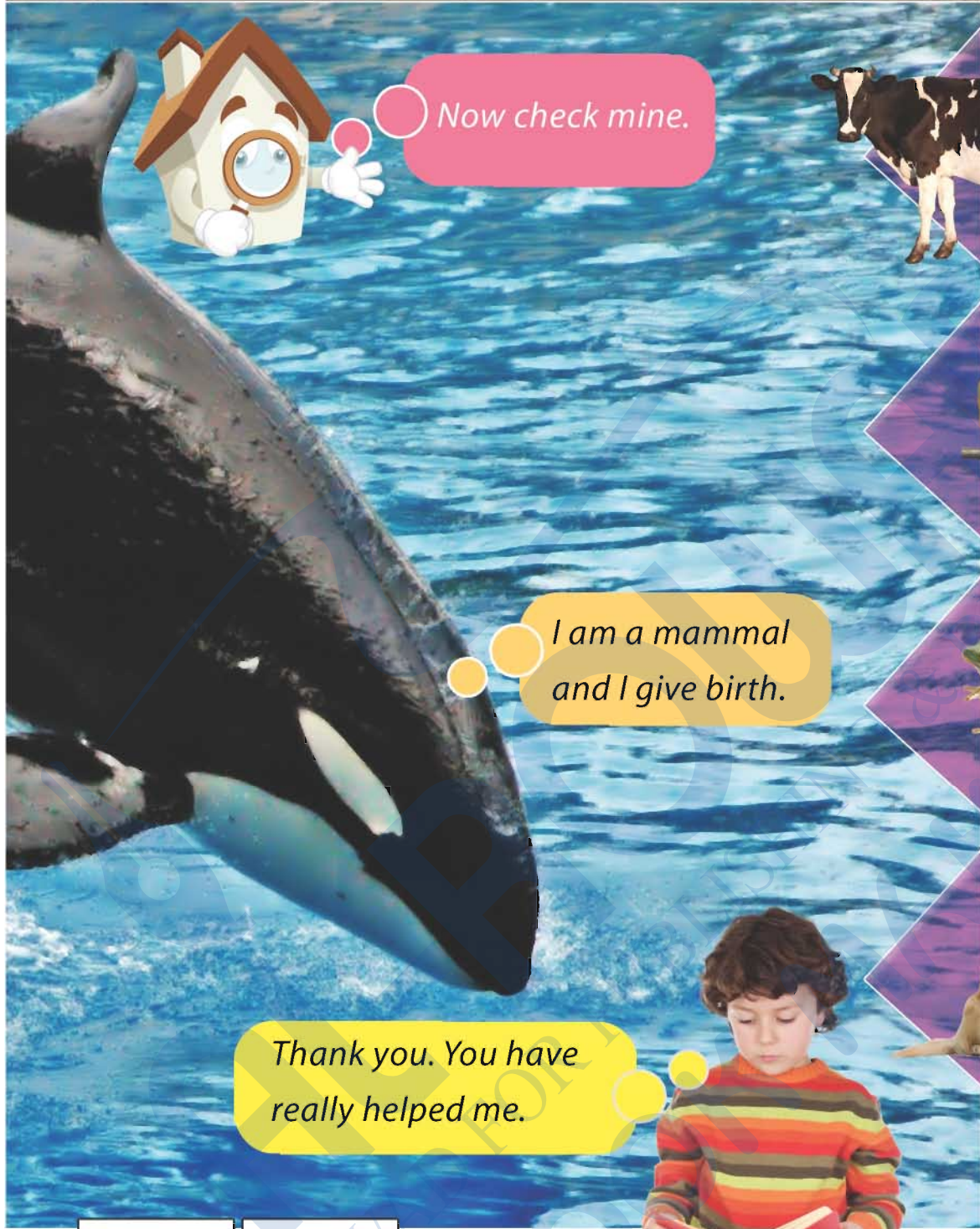




What a great job! now come and check mine.



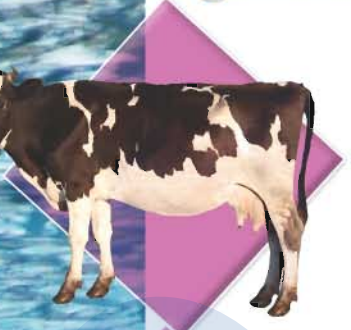
5	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>
1	<input type="checkbox"/>	<input type="checkbox"/>
	Wings	No Wings



Now check mine.

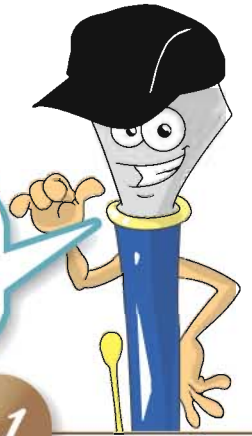
I am a mammal and I give birth.

Thank you. You have really helped me.



5		
4		
3		
2		
1		
	Lays Eggs	Gives Birth

Put on your thinking cap.
 What five senses did we use to classify these animals?



Animals are classified according to:

1. Body covering
2. Number of legs
3. Reproduction
4. Respiration



Could you add more ways?



Measuring + Estimating

Which chair belongs to my baby?



Explain



Comparing Lengths



Which is taller?

A giraffe is taller than a zebra.

I am tall.

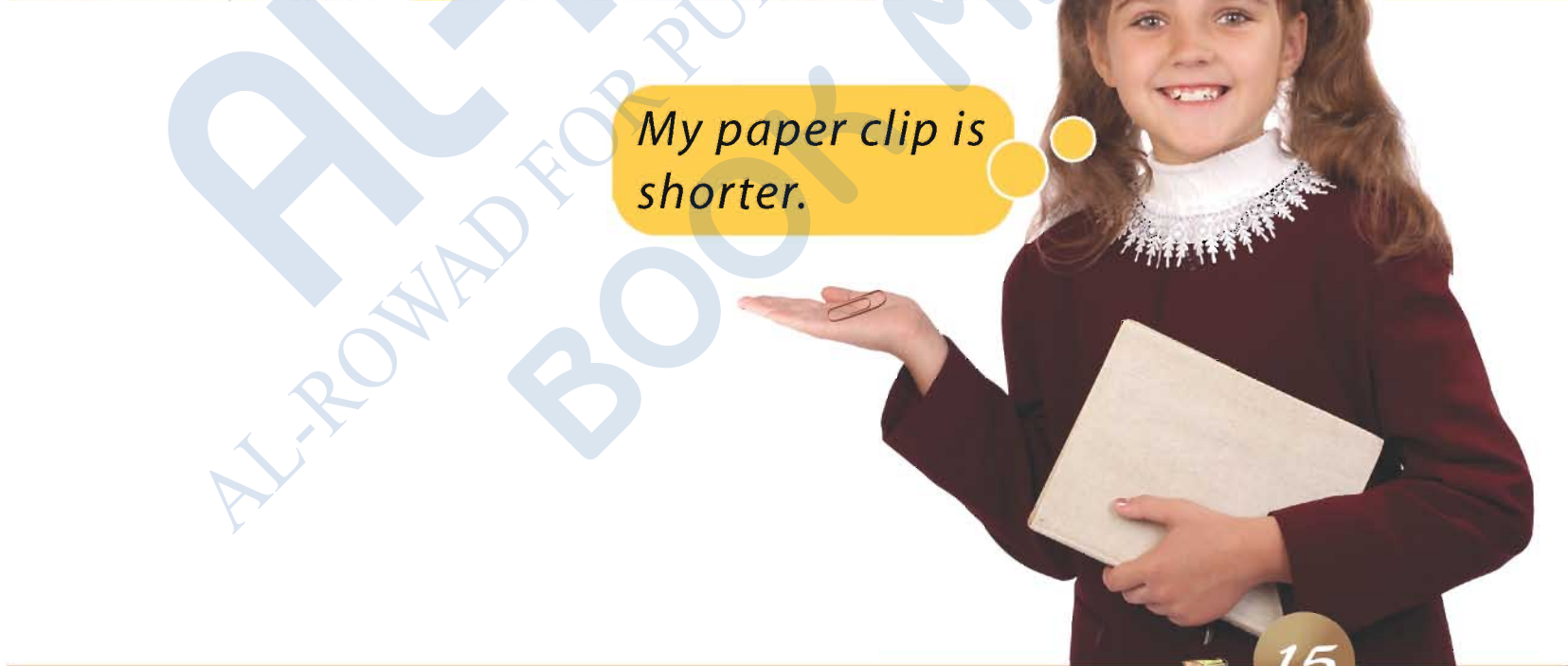
I am taller.



Which is shorter?



My pencil is short.



My paper clip is shorter.

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