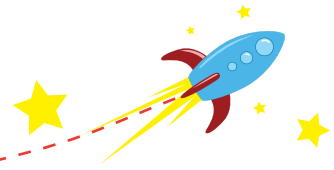


HOW MANY DINOSAURS DEEP?

Written by Ben Kitchin

Illustrated by Vicky Fieldhouse

Published by New Frontier Publishing



SYNOPSIS

How Many Dinosaurs Deep? is about a small boy learning to swim. When he is too scared to make the jump from the baby pool to the middle sized pool his mother reassures him that the water would only come up to a stegosaurus' knee! What follows is an entertaining exploration of depth using different dinosaurs as units of measurement.

THEMES

The story could be utilised as a teaching resource when introducing students to measurement or to dinosaurs generally. Overcoming one's fears and achieving a worthy goal is also a strong theme in the story.

WRITING STYLE

When Ben's children were learning to swim he thought measuring depth with dinosaurs might be a good way to distract them from their fears of deeper water. The story is a conversation between mother and son imagining different dinosaurs as depth gauges in different watery places.

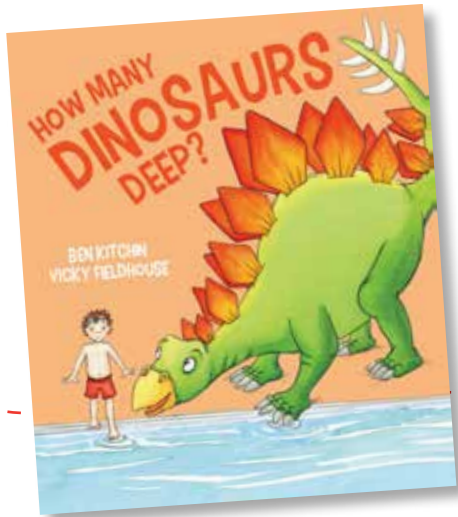
ILLUSTRATOR STYLE

For Vicky. ☐



'What about the big pool? How many dinosaurs deep is the big pool?'
'Hmmm ... you might just be able to see three Oviraptors standing on each other's shoulders but a Stegosaurus would be shoulder-deep.'





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AUTHOR BACKGROUND

Ben lives in Adelaide where he is a primary school teacher and father of five. He enjoys spending time with family, reading and writing books and watching anything at Adelaide Oval.

ILLUSTRATOR BACKGROUND

After working in-house for department store NEXT designing children's bedding and gifts, Vicky decided to further develop her illustrations skills. She has since created colourful children's illustrations for clients all over the world. Vicky has illustrated books for numerous publishers including HarperCollins and Usborne Books. We are delighted to introduce Vicky in her first picture book for New Frontier:

STUDY NOTES

Before reading the book:

Predicting Questions

1. Looking at the cover, what do you think this story might be about?
2. Who might the main characters be?
3. Where do you think the setting will be?
4. What do you think the story will be about?

Inferring Questions

1. Why is the boy wearing shorts and goggles?
2. Looking at the inside cover, how do you think the boy feels about going swimming?

After reading the book:

1. Who were the characters in this story?
2. What was the problem in the story?
3. How was the problem solved?
4. What were some of the places that showed different depths of water in the story?
5. Can you remember the names of some of the dinosaurs in the story?

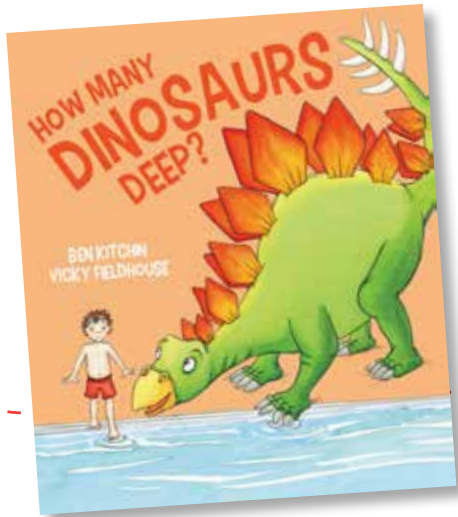
ACTIVITIES

Dinosaur Stomping

During reading or afterwards, ask students to move about the room in the way they think the different dinosaurs in the story would have moved.

Design a Dinosaur

Ask students to draw their very own original dinosaur. Once they have coloured it in they need to come up with a name for it. They could then go on to write a description of their dinosaur that included information about colour, size, shape, texture and movement. Extension could involve writing a narrative using their dinosaur as a main character.



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Mini Words

Challenge students to see how many words they can make from the letters in different dinosaurs' names e.g. stegosaurus: at, age, ate, are, assort, august etc. This information could then be displayed in a column or bar graph.

How Big?

After reading the story, challenge the students to estimate and then measure different objects in the classroom using informal units e.g. unifix blocks, paper clips, counters etc. The dinosaur size information in the glossary at the back of the book could be used for larger objects e.g. How many dinosaurs deep is the gym?

Mystery Drawing

Provide students with the following drawing instructions:

1. Draw an oval in the middle of your page lying on its side.
2. On the right side, at the top of your oval, draw a long rectangle coming out.
3. At the end of the rectangle, draw another small oval – connected to the rectangle.
4. In the middle of the small oval draw two eyes.
5. On the bottom left hand corner of the large oval, draw a long triangle, poking out to the left.
6. Along the top edge of all your shapes, draw small triangles sticking out.
7. At the bottom of the large oval, draw four squares in a row.
8. Under the eyes, draw a smiley mouth.

After the activity, discuss the differences and similarities in drawings. Why were the drawings different?

FURTHER RESEARCH

Use the glossary at the back of the book to start a conversation about fiction and non-fiction. Use other resources to find more information about dinosaurs and create your own dinosaur facts book.

MARKETING AND SELLING POINTS

- Bright, colourful illustrations comically depict dinosaurs in everyday places.
- The story could be used to introduce the concept of measurement using standardised units.
- Contains a glossary of interesting dinosaur facts to get budding palaeontologists started.

HOW BIG?

Name: _____

Date: _____

I am going to measure with _____

Object	Estimate	Actual Size	Difference
The width of a book			
Length of my desk			
The height of my chair			

What was the **longest** object you measured?

What was the **shortest** object you measured?

How much longer was the **longest** object compared with the **shortest**?

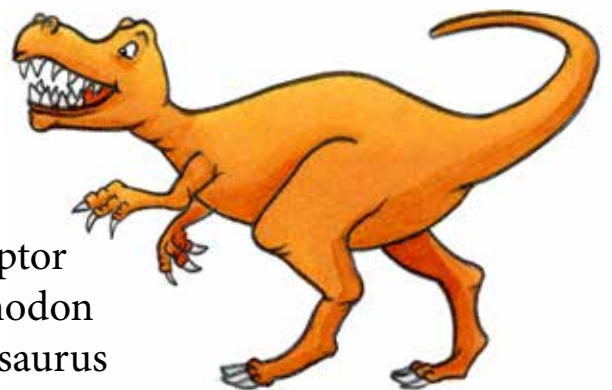


DINOSAUR WORD SEARCH

M	I	V	D	R	T	H	Y	J	K	L	O	P	A	U	R	D	C	F	T
S	C	F	M	I	C	R	O	C	E	R	A	T	O	P	S	B	T	Y	S
C	F	T	G	B	N	J	K	I	U	O	P	L	T	P	T	Y	R	E	C
P	L	A	C	T	G	B	H	F	R	S	E	R	V	L	B	B	X	N	K
A	C	D	R	F	V	Z	X	T	H	I	A	U	R	A	R	B	E	I	O
H	S	T	Y	R	A	S	C	F	G	G	U	I	O	C	A	R	R	B	G
T	A	U	G	H	Y	W	E	R	T	U	B	H	Y	O	C	C	V	Y	H
G	N	N	R	A	Y	H	P	O	P	A	V	B	N	D	H	T	U	C	V
R	A	U	R	U	D	C	F	G	H	N	P	L	A	U	I	T	R	I	B
O	O	V	I	R	A	D	T	R	E	O	Q	W	E	S	O	V	U	Y	U
T	S	T	E	G	Y	S	H	U	I	D	C	V	N	U	S	D	A	U	R
P	I	G	U	G	F	T	O	I	G	O	S	D	G	A	A	M	S	O	A
A	T	A	L	U	I	O	P	G	B	N	M	H	Y	D	U	A	W	Q	W
R	A	R	E	X	C	F	T	Y	E	Q	R	E	X	D	R	U	N	N	J
I	B	R	A	C	H	Y	T	E	D	T	B	G	H	B	U	Q	N	U	I
V	C	F	R	E	V	G	H	T	Y	R	S	X	G	Y	S	O	A	Q	I
O	O	P	I	Y	G	F	B	V	C	X	A	E	W	R	A	U	R	J	L
O	V	I	U	Y	T	R	E	H	J	K	L	Q	S	Y	U	I	Y	H	G
B	N	H	U	R	U	R	A	L	A	T	A	L	U	I	O	E	T	B	N
B	R	A	C	H	Y	U	I	O	P	L	K	H	G	F	V	B	N	M	M

microceratops
 tyrannosaurus rex
 placodus
 brachiosaurus

oviraptor
 iguanodon
 stegosaurus
 talarurus



SOLUTION

			M	I	C	R	O	C	E	R	A	T	O	P	S				
														P					
														L	B		X		
										I				A	R		E		
	S									G				C	A		R		
		U								U				O	C		S		
			R							A				D	H		U		
R				U						N				U	I		R		
O					A					O				S	O		U		
T						S				D					S		A		
P							O			O					A		S		
A								G		N					U		O		
R									E						R		N		
I										T					U		N		
V											S				S		A		
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		S	U	R	U	R	A	L	A	T							T		

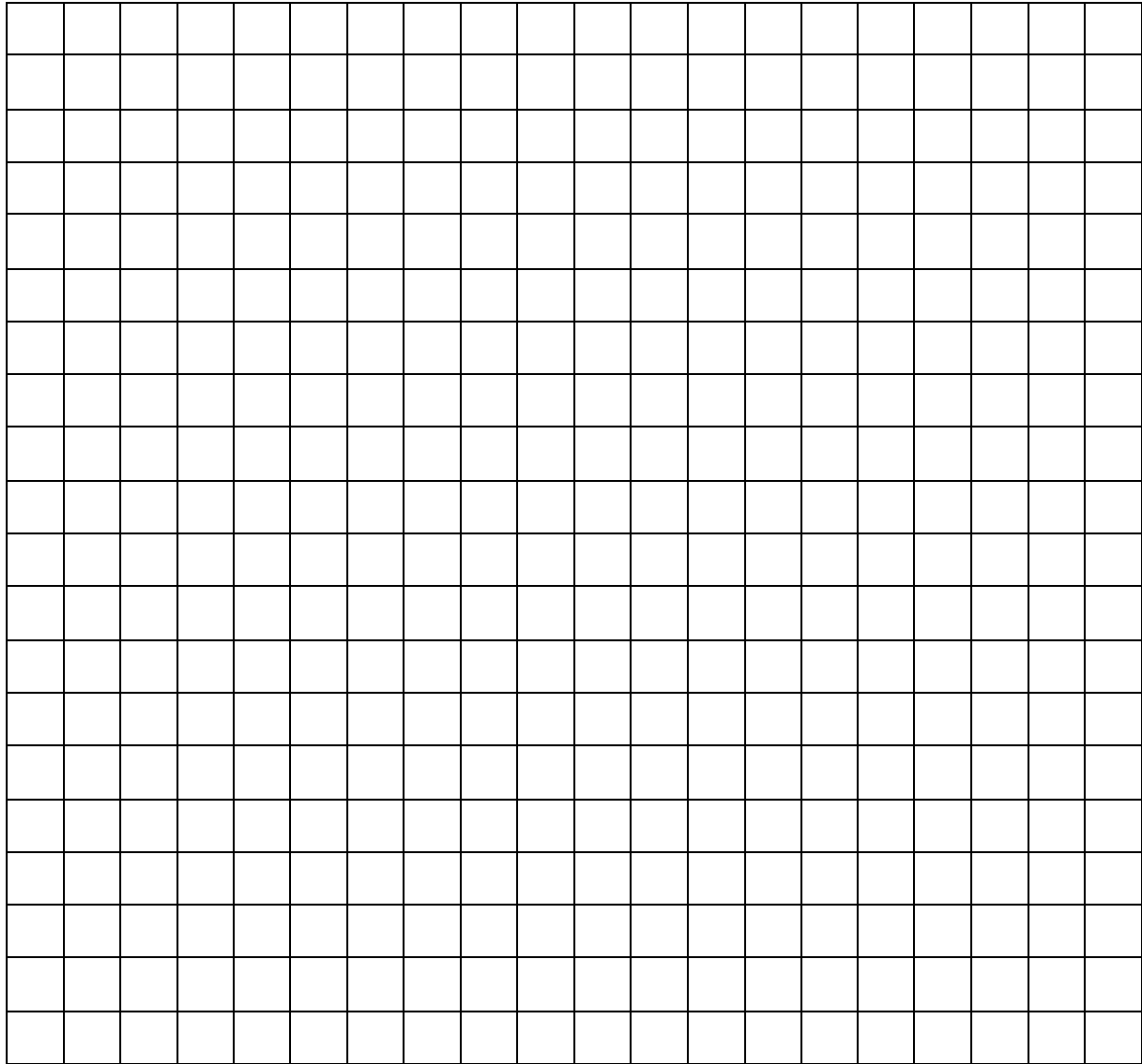
microceratops
 tyrannosaurus rex
 placodus
 brachiosaurus

oviraptor
 iguanodon
 stegosaurus
 talarurus

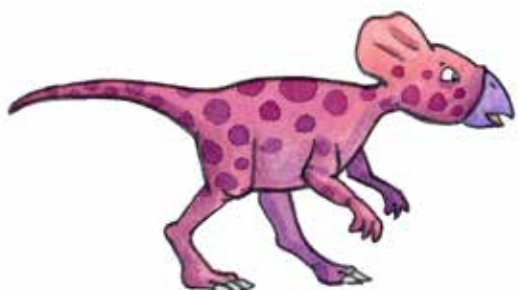


CREATE YOUR OWN DINOSAUR WORD SEARCH

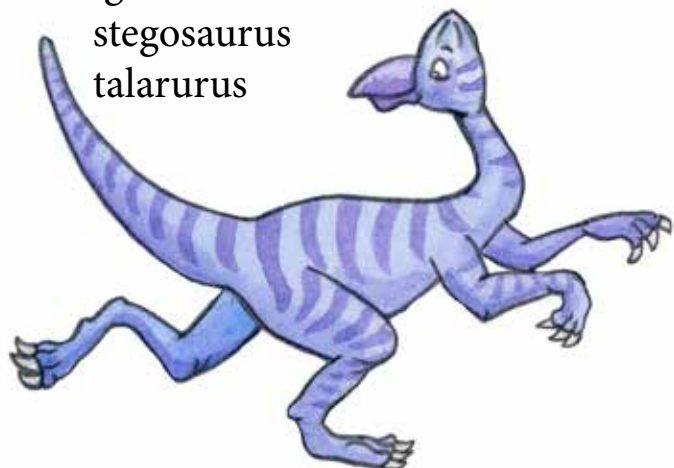
Hide all the dinosaur names in the grid and then fill the remaining squares with any consonants and vowels. Swap your word find with a friend.



microceratops
tyrannosaurus rex
placodus
brachiosaurus



oviraptor
iguanodon
stegosaurus
talarurus

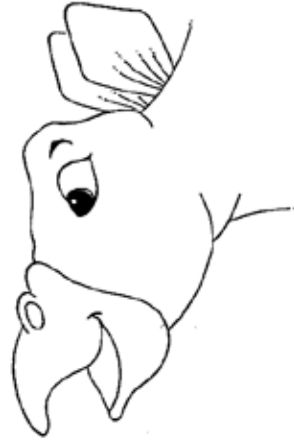


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COMPLETE THE STEGOSAURUS

Draw the rest of the Stegosaurus and colour in your picture.



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