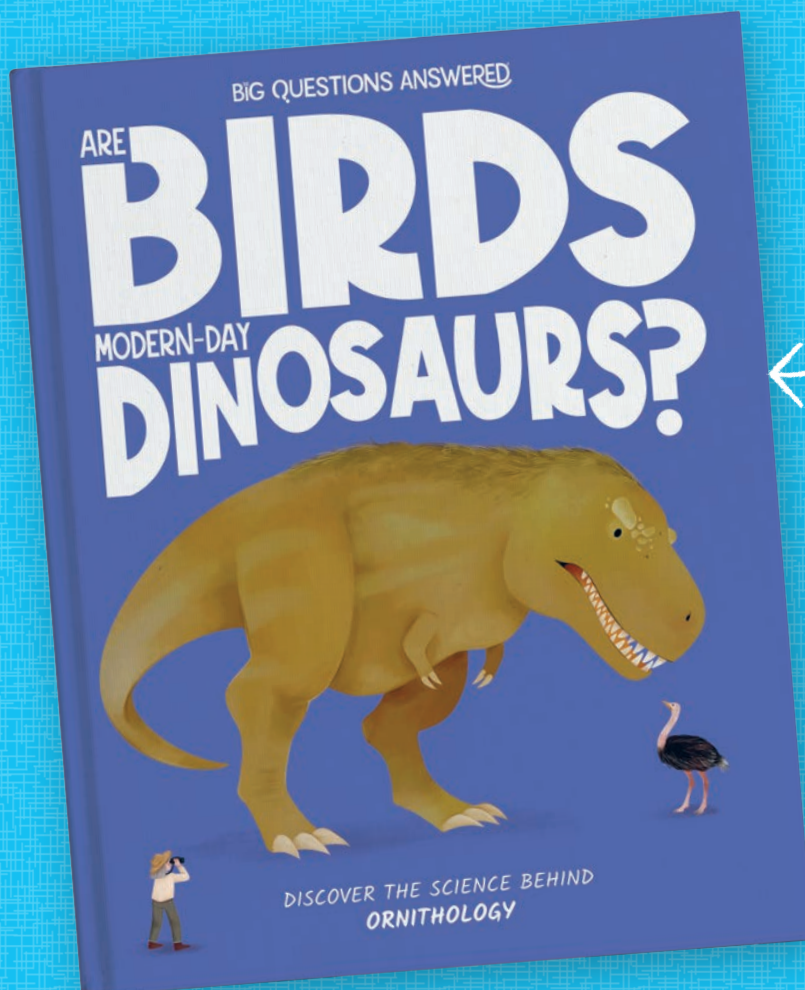
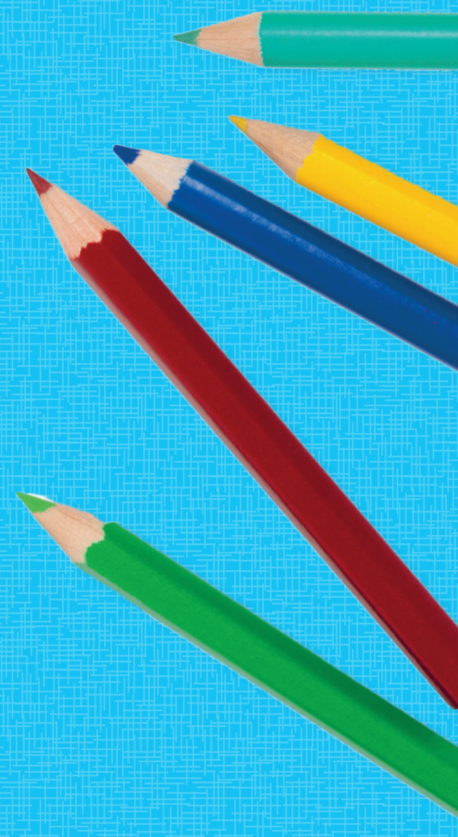


THE BIG QUESTIONS ANSWERED

YOUNG ORNITHOLOGISTS' ACTIVITY PACK



*Full of fun and
exciting activities to
accompany this book!*



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Picture Credits:

(t = top, b = bottom, m = middle, l = left, r = right)

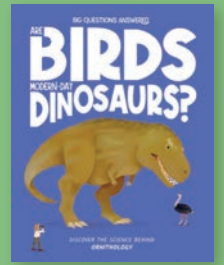
Shutterstock: Aksenova Natalya 6bg; BigNazik 7bg; Danny Ye 3bl; kamomeen 3tm; Elenarts 3tr; Michael Gordon 3br; Orla 3tm; Steve Allen 3bm; Tatiana Diuvbanova 3bl.

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ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "An Unusual Discovery: Scene 1".

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FOSSIL HUNT

Can you match the skeleton with the picture of the dinosaur above?
Draw a line between each picture of the dinosaur and its skeleton.

I am a...
DIPLODOCUS



I am a...
PARASAUROLOPHUS



I am an...
ANKYLOSAURUS



I am an...
ALLOSAURUS



Fact:

I have bony spikes all over my back.



Fact:

I am a fierce meat-eating dinosaur.



Fact:

I have an incredibly long neck and tail.



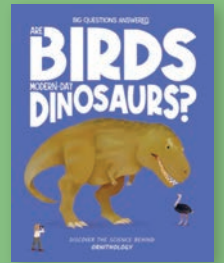
Fact:

I have a big crest on my head.

ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "When Dinosaurs Ruled the World: Scene 2".

www.thebigquestionsanswered.com



DINOSAUR TRICKSTERS

These sneaky dinos are trying to catch us out! Can you spot **10** differences between the two scenes? Circle them when you spot them.

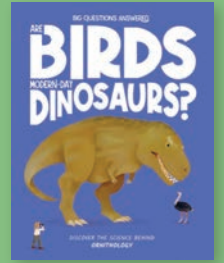




ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "Amazing Archaeopteryx: Scene 3".

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WORDS BACK IN TIME

Find and circle the words listed below, in the grid. Words can be found in any direction (including diagonals) and can overlap each other.

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

DINOSAUR
BONES
FOSSIL
ARCHAEOPTERYX

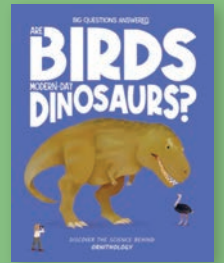
STEGOSAURUS
TRICERATOPS
DIPLODOCUS

SAUROPOD
THEROPOD
PREHISTORIC

ARE BIRDS MODERN-DAY DINOSAURS?

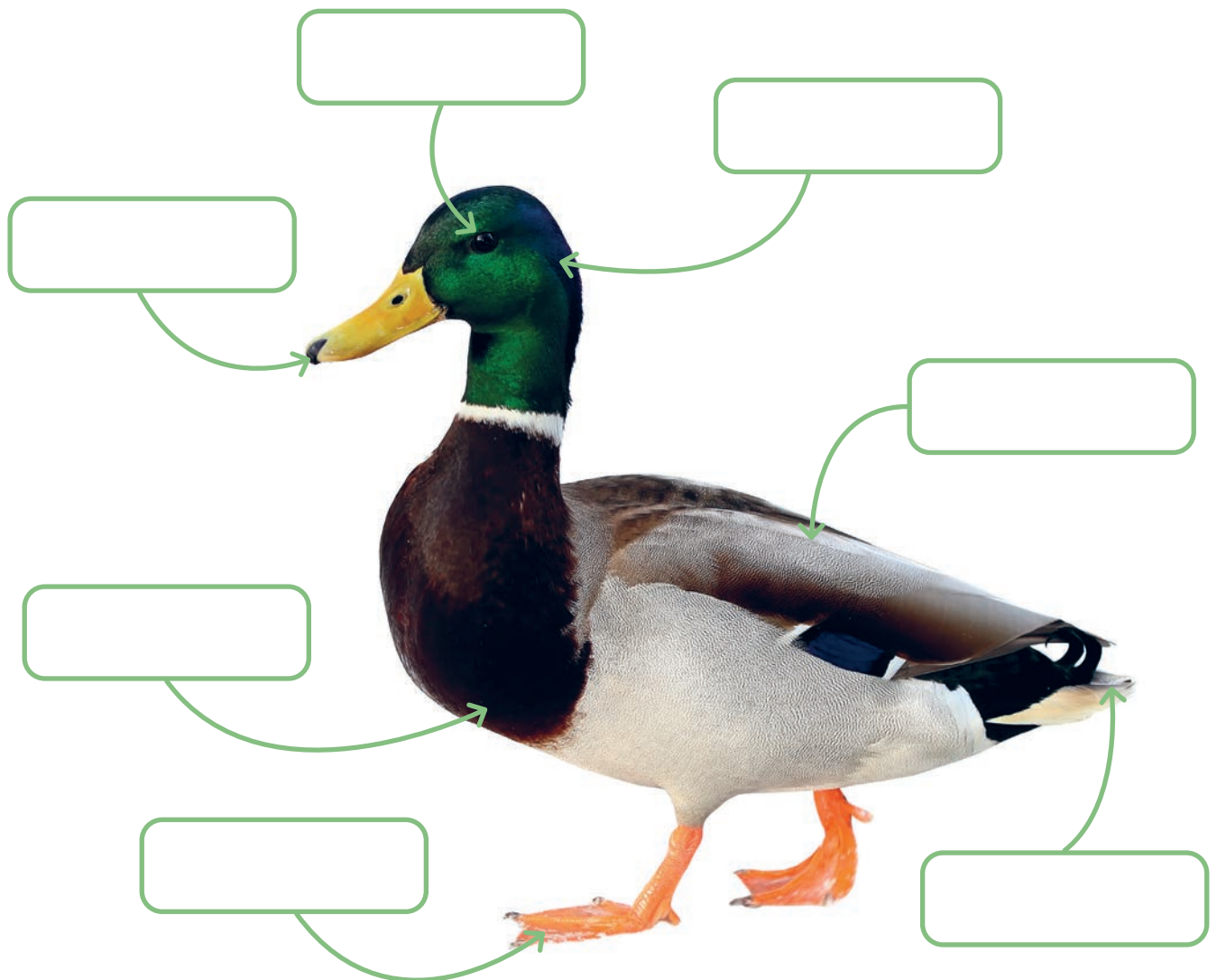
For reference to the Teachers' & Parents' Resources, this goes with "Dinosaur Connections: Scene 4".

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ANIMAL DETECTIVE

Birds' features can change depending on their habitats. Can you fill in the boxes to label this bird's body parts? Each answer can only be used once.



HEAD

WING

BILL

EYE

WEBBED FOOT

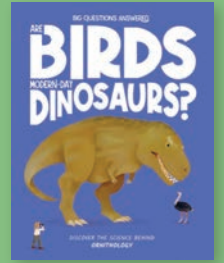
BELLY

TAIL

ARE BIRDS MODERN-DAY DINOSAURS?

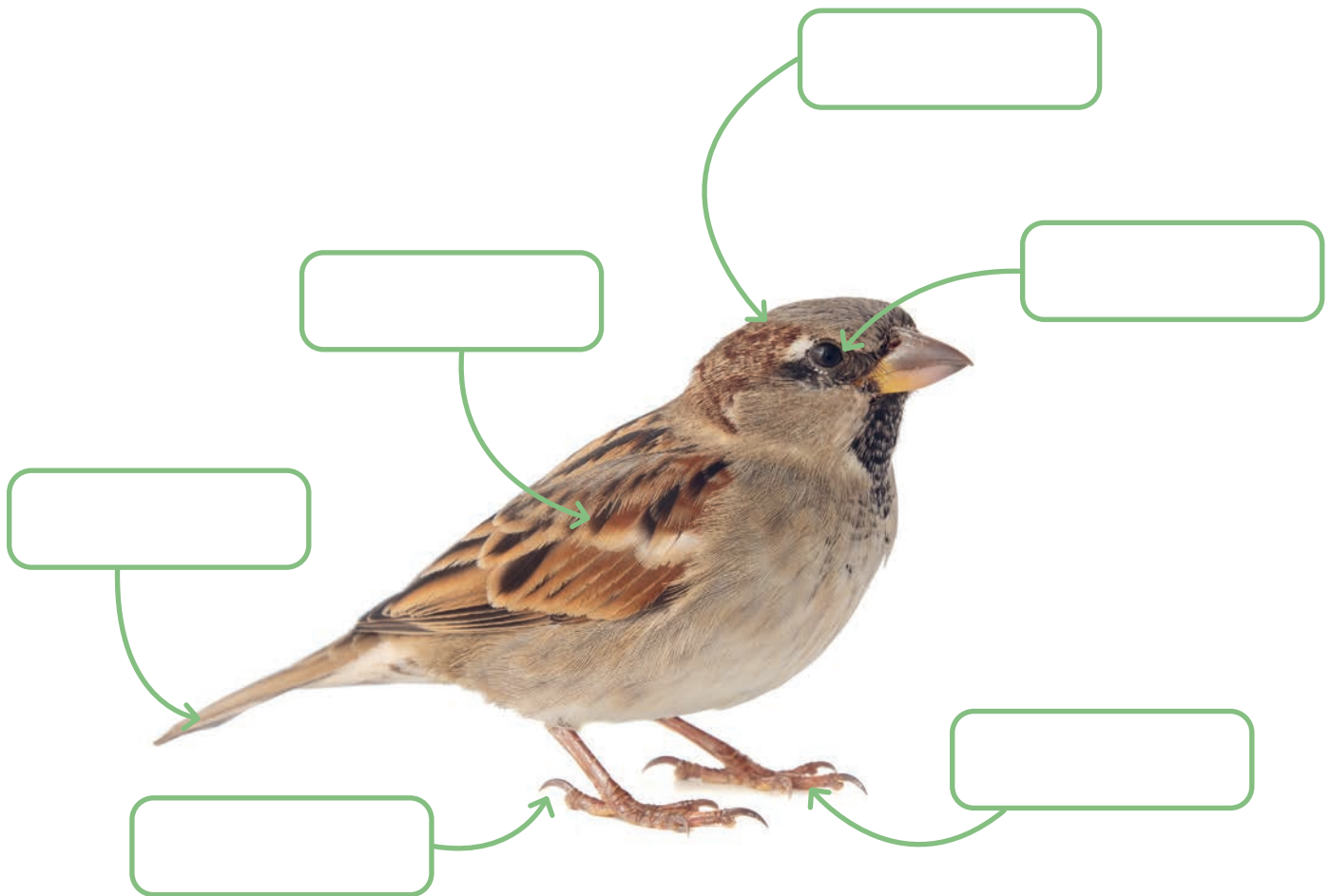
For reference to the Teachers' & Parents' Resources, this goes with "Dinosaur Connections: Scene 4".

www.thebigquestionsanswered.com



ANIMAL DETECTIVE

Birds' features can change depending on their habitats. Can you fill in the boxes to label this bird's body parts? Each answer can only be used once.



HEAD

WING

EYE

CLAW

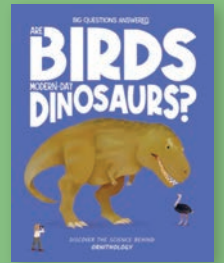
TAIL

FOOT

ARE BIRDS MODERN-DAY DINOSAURS?

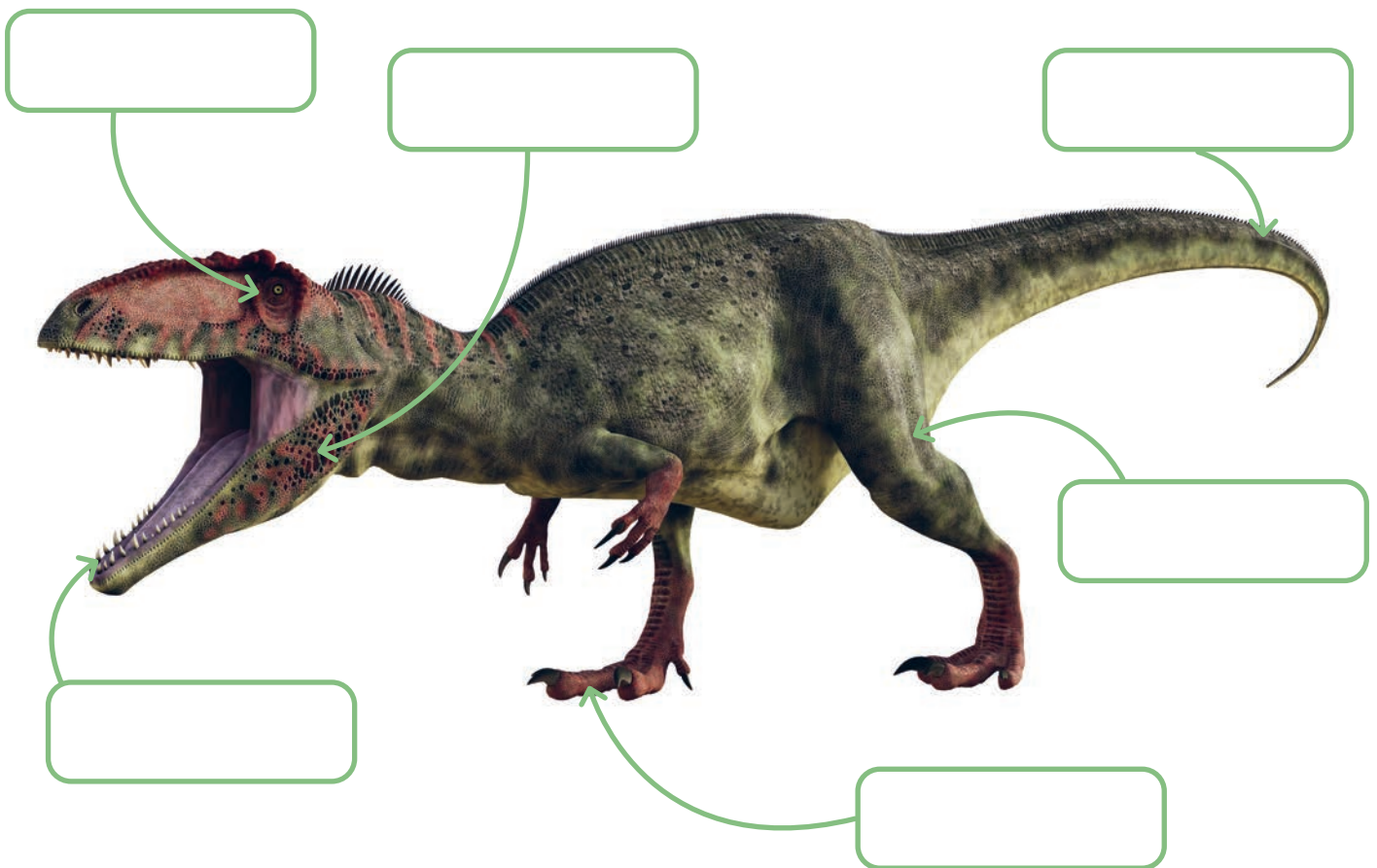
For reference to the Teachers' & Parents' Resources, this goes with "Dinosaur Connections: Scene 4".

www.thebigquestionsanswered.com



ANIMAL DETECTIVE

Dinosaurs came in all shapes and sizes. Can you fill in the boxes to label this dinosaur's body parts? Each answer can only be used once.



TAIL

LEG

EYE

FOOT

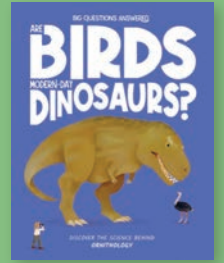
TEETH

JAW

ARE BIRDS MODERN-DAY DINOSAURS?

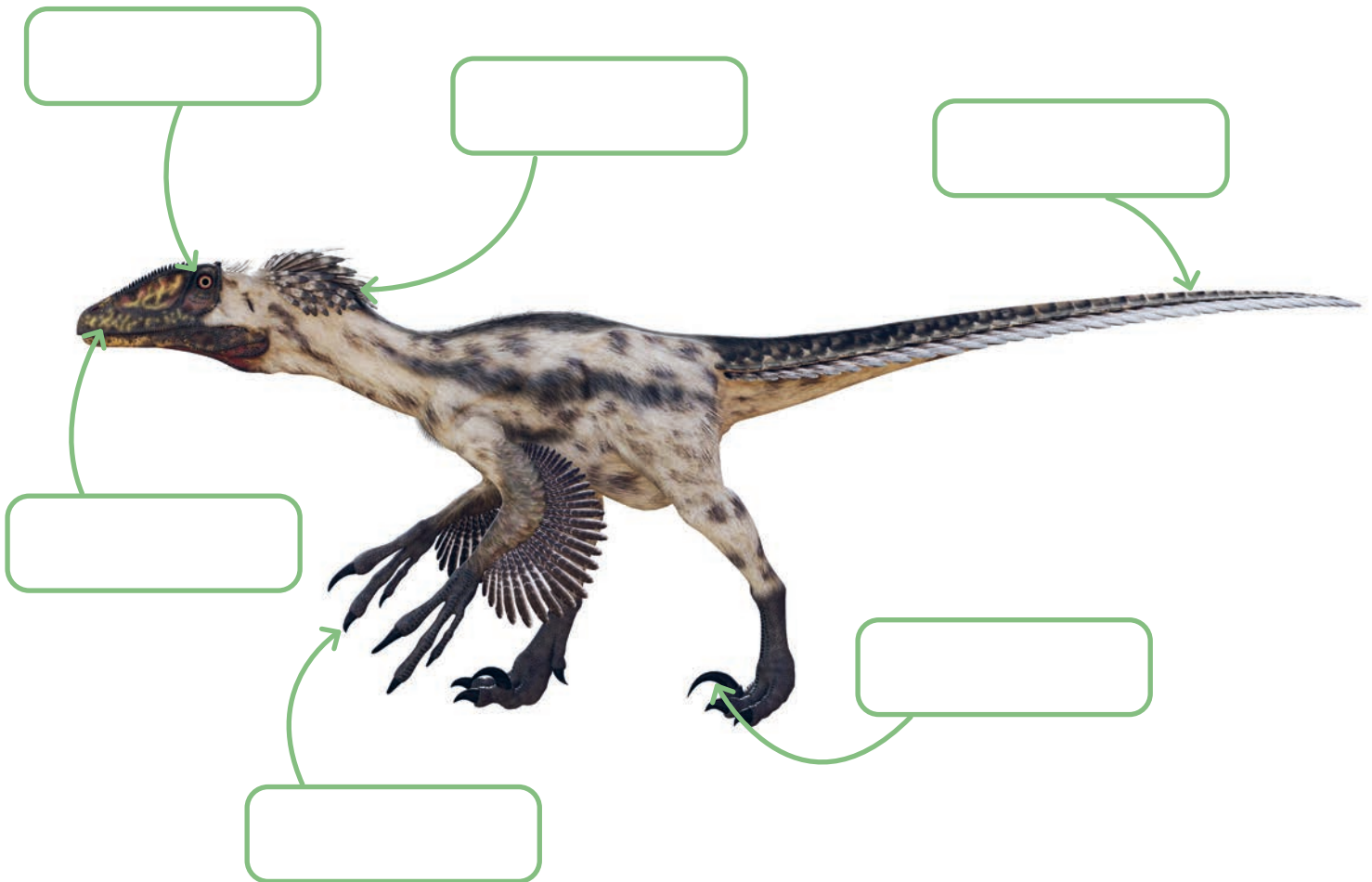
For reference to the Teachers' & Parents' Resources, this goes with "Dinosaur Connections: Scene 4".

www.thebigquestionsanswered.com



ANIMAL DETECTIVE

Dinosaurs came in all shapes and sizes. Can you fill in the boxes to label this dinosaur's body parts? Each answer can only be used once.



TAIL

FEATHERS

TOE CLAW

BEAK

EYE

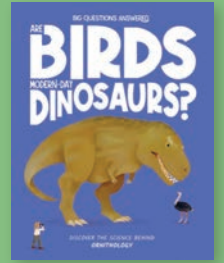
FINGER CLAW



ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "The End of the Dinosaurs?: Scene 5".

www.thebigquestionsanswered.com



WORD SMASH

Oh no! A giant asteroid has crashed into the Earth and mixed up a bunch of words! Test your word-solving skills by trying to unscramble the words. They are all related to dinosaurs and prehistoric Earth! There is a list of the correct words below to help you.

RETX

SPOTRTICEAR

UROADSIN

RIHPERSTICO

DESATROI

TERYAEOPXARCH

SILSOF

T. REX

TRICERATOPS

FOSSIL

ARCHAEOPTERYX

DINOSAUR

PREHISTORIC

ASTEROID

EXTRA ACTIVITY - WORDS WITHIN A WORD

How many words can you find within the word "archaeopteryx"

1. You can only use the letters within the word "archaeopteryx".
2. Each of these letters can only be used once: C, H, O, P, T, Y, X.
3. "Archaeopteryx" has two letter A's, two E's, and two R's, so you can use them twice.
4. You can't use any other letters from the alphabet.

Example: you can make the word ROAR using the letters in ARCHAEOPTERYX.

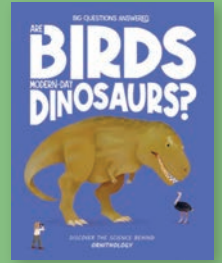
ARCHAEOPTERYX



ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "Prehistoric Survivors: Scene 6".

www.thebigquestionsanswered.com



INCREDIBLE BIRDS

So many amazing birds have lived on Earth. Choose a bird – any you like – and see what amazing things you can find out about it! Draw your chosen bird and fill in all of the information below.



Draw your bird in here!

This bird is a

These birds grow to high and their wingspan is across.

These birds eat:

These birds live in:

This bird's special features are:

A fun fact about this bird is:

.....

.....

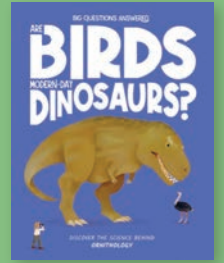


Why not print this sheet off multiple times to create a bird booklet full of lots of different birds!

ARE BIRDS MODERN-DAY DINOSAURS?

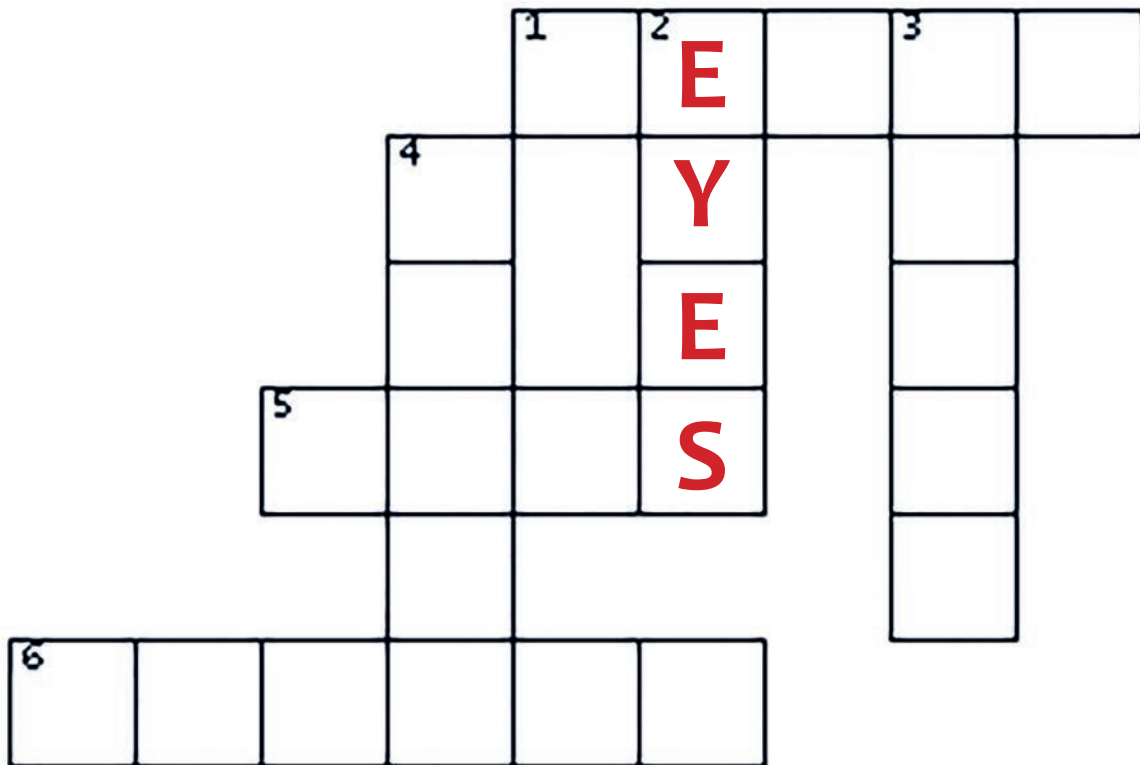
For reference to the Teachers' & Parents' Resources, this goes with "Terrifying Terror Birds: Scene 7".

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FIERCE ANIMALS

All animals, whether prehistoric or modern-day, use lots of body parts when hunting prey and fighting off predators! Use the clues below to work out the different body parts and fill in the boxes. The first one has been done for you.



TEETH

TUSKS

POISON

CLAWS

EARS

~~EYES~~

ACROSS

1. Hard bones inside the mouth that are used to bite and eat.
5. A body part that is used to listen for nearby animals.
6. A substance some animals make to harm predators that attack them.

DOWN

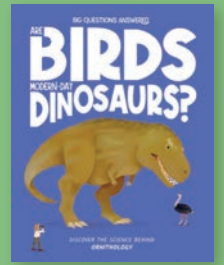
2. ~~A body part that helps animals see.~~
3. Extra-long teeth that poke out of the mouth when the mouth is closed.
4. Sharp body parts found on the ends of hands, feet, and sometimes wings.



ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "Spreading Seeds: Scene 9".

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BIRD SPOTTING JOURNAL

Discovering new birds and watching them in their natural habitats is exciting. Go for a woodland walk with an adult and see how many different kinds of birds you can spot! Draw or take photos of each bird in the box and fill in the information about it to build your own bird spotting journal.

TYPE OF BIRD:

LOCATION SPOTTED:

DATE SPOTTED:

TYPE OF BIRD:

LOCATION SPOTTED:

DATE SPOTTED:

TYPE OF BIRD:

LOCATION SPOTTED:

DATE SPOTTED:

TYPE OF BIRD:

LOCATION SPOTTED:

DATE SPOTTED:

TYPE OF BIRD:

LOCATION SPOTTED:

DATE SPOTTED:

Never go for a walk on your own. Always go with an adult and stick together. Remember to be quiet so you don't scare the birds away!

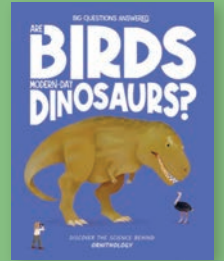


Draw or put the photos of the birds in the boxes!

ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "Helpful Honeyguides: Scene 10".

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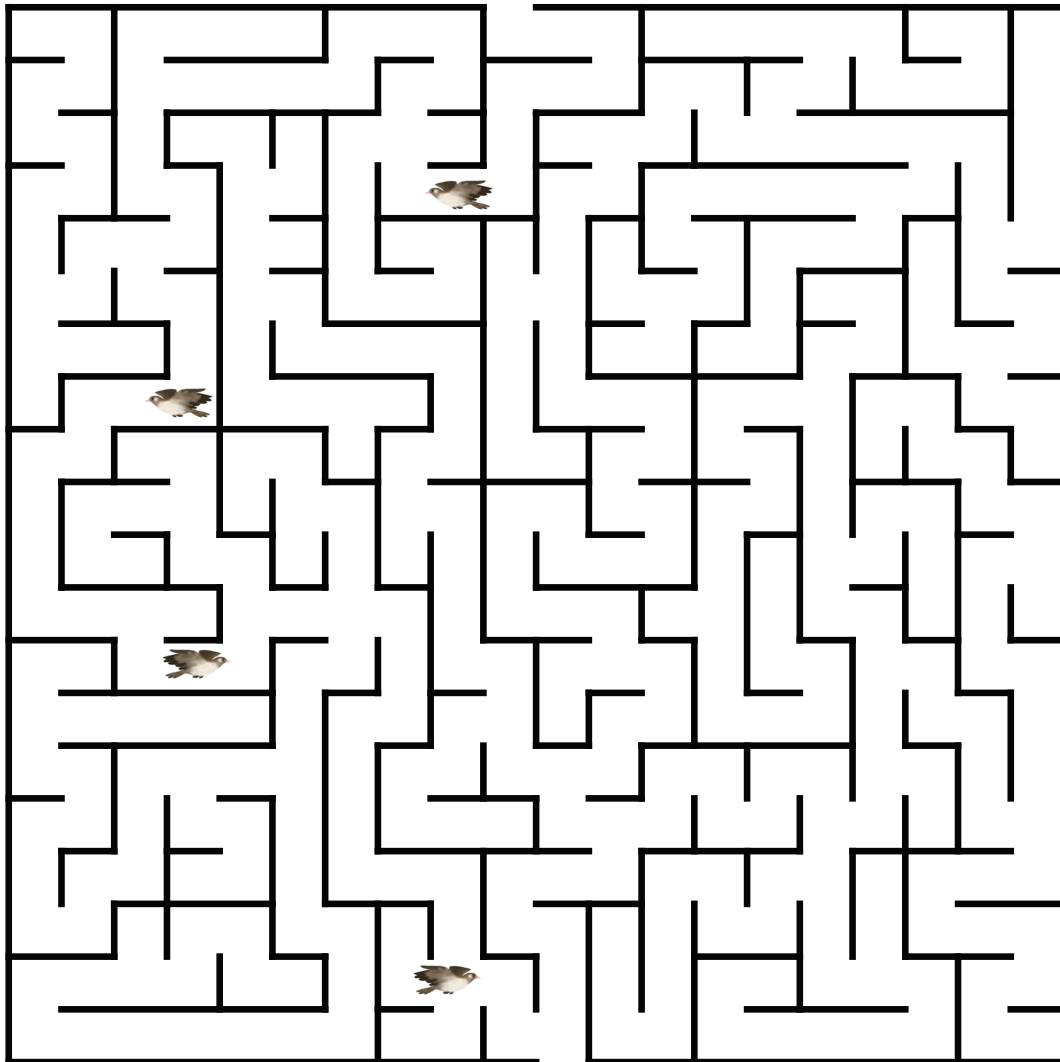


HONEY HUNT

This honey hunter needs to follow the honeyguide bird to reach the beehive full of honey. Can you help them follow the bird to complete the maze and reach the honey?



Honey hunter

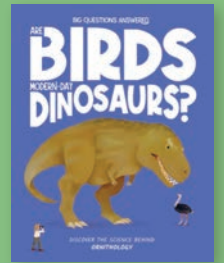


Yummy honey

ARE BIRDS MODERN-DAY DINOSAURS?

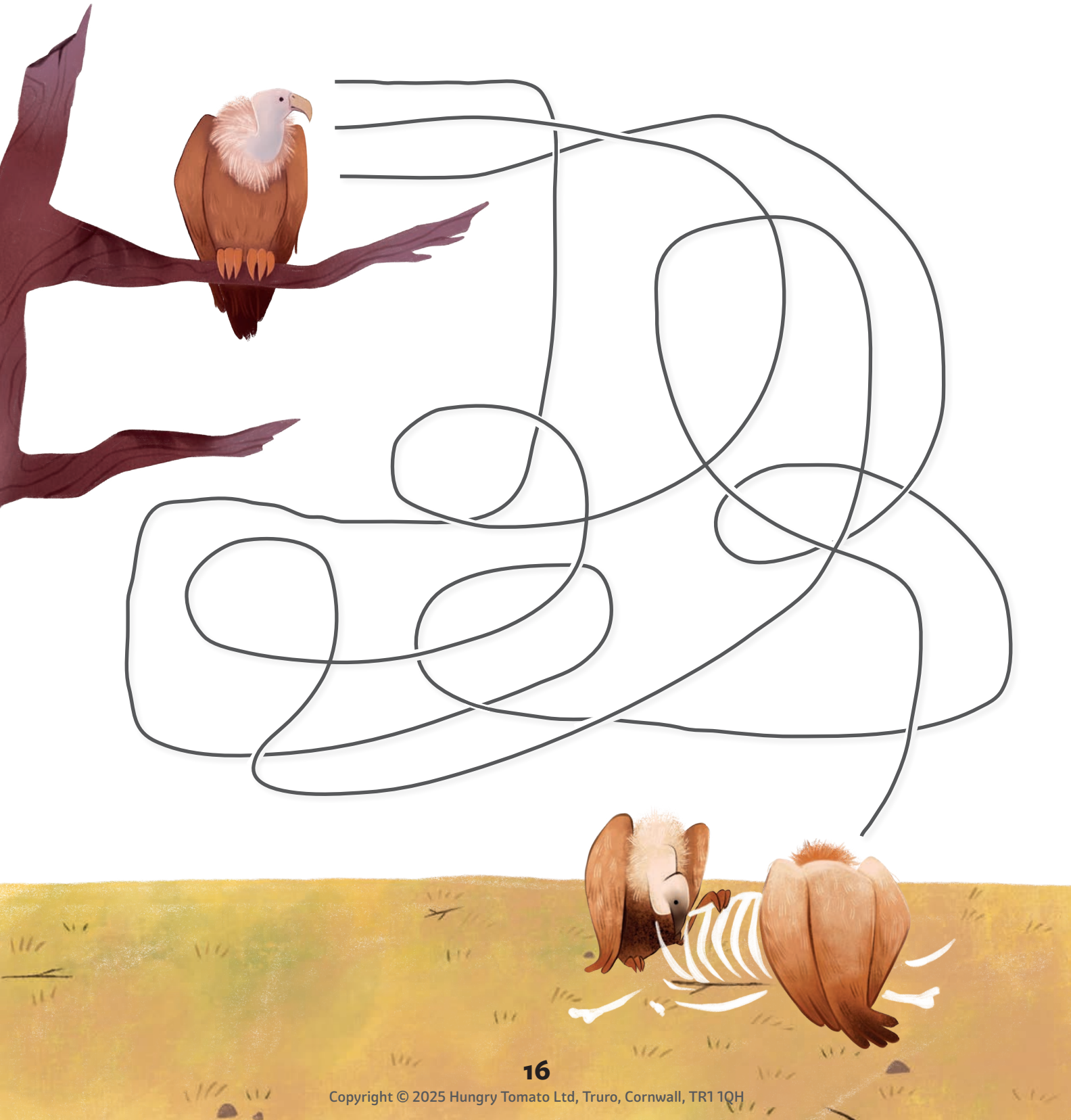
For reference to the Teachers' & Parents' Resources, this goes with "Feathery Cleanup Crew: Scene 11".

www.thebigquestionsanswered.com



DINNERTIME!

A vulture has been separated from the flock and is trying to find its way back so it can eat its dinner. Can you help the lonely vulture find its way back to the flock?

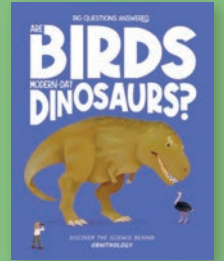




ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "Looking After Nature: Scene 12".

www.thebigquestionsanswered.com



NATURE'S FRIENDS

Can you use the words below to fill in the blanks and learn all about how birds help our natural world stay healthy? Each answer can only be used once.

clean

poop

seeds

vultures

insects

1. Birds help plants by spreading their _____ around, which means that new plants can grow in different places.
2. Birds also help farmers out by eating _____ like caterpillars that would otherwise eat and damage the crops!
3. By eating from carcasses, birds like _____ keep our natural world free from unhealthy illness and disease.
4. Some brave birds team up with animals that are much bigger than them! Oxpecker birds eat parasites off animals like rhinos, which keeps them _____ and healthy. What good team players they are!
5. Seabirds even help the ocean and everything that lives in it stay healthy. Their _____ is full of nutrients which are really useful for these habitats!



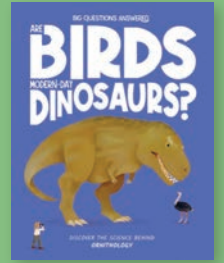
What's your favorite bird fact?



ARE BIRDS MODERN-DAY DINOSAURS?

For reference to the Teachers' & Parents' Resources, this goes with "Funny Family Members: Scene 13".

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SPECTACULAR CONNECTIONS

Can you use what you've learned about the link between birds and dinosaurs to work out which of the sentences are true and which are false?

	SENTENCE	TRUE	FALSE
1	The Archaeopteryx fossil was found in America.		
2	The Archaeopteryx was about the size of a pigeon.		
3	The scientists who study birds are called volcanologists.		
4	Birds do amazing things to help our planet.		
5	Birds are related to dinosaurs.		
6	Huge dinosaurs like T. rex are still on Earth today.		

MORE FUN ORNITHOLOGY ACTIVITIES

COLORING SHEETS & MORE!

The following activities aren't based on any specific scenes in the book.
They can be used on their own or alongside the book as extra activities.

FIND THE SCIENTIST

There are lots of different scientists below. Can you find the ornithologist?
Circle them when you find them – there's only one!



MATCH THE SHAPE

Can you match each shadow to the correct picture? Draw a line to connect them.



SIMPLE SUMS

Below are 3 objects which represent different numbers.

Work out the sum based on what each object represents and write your answers in the boxes.



= 1



= 3



= 5



+



-



=



-



+



=



-



+



=



+



+



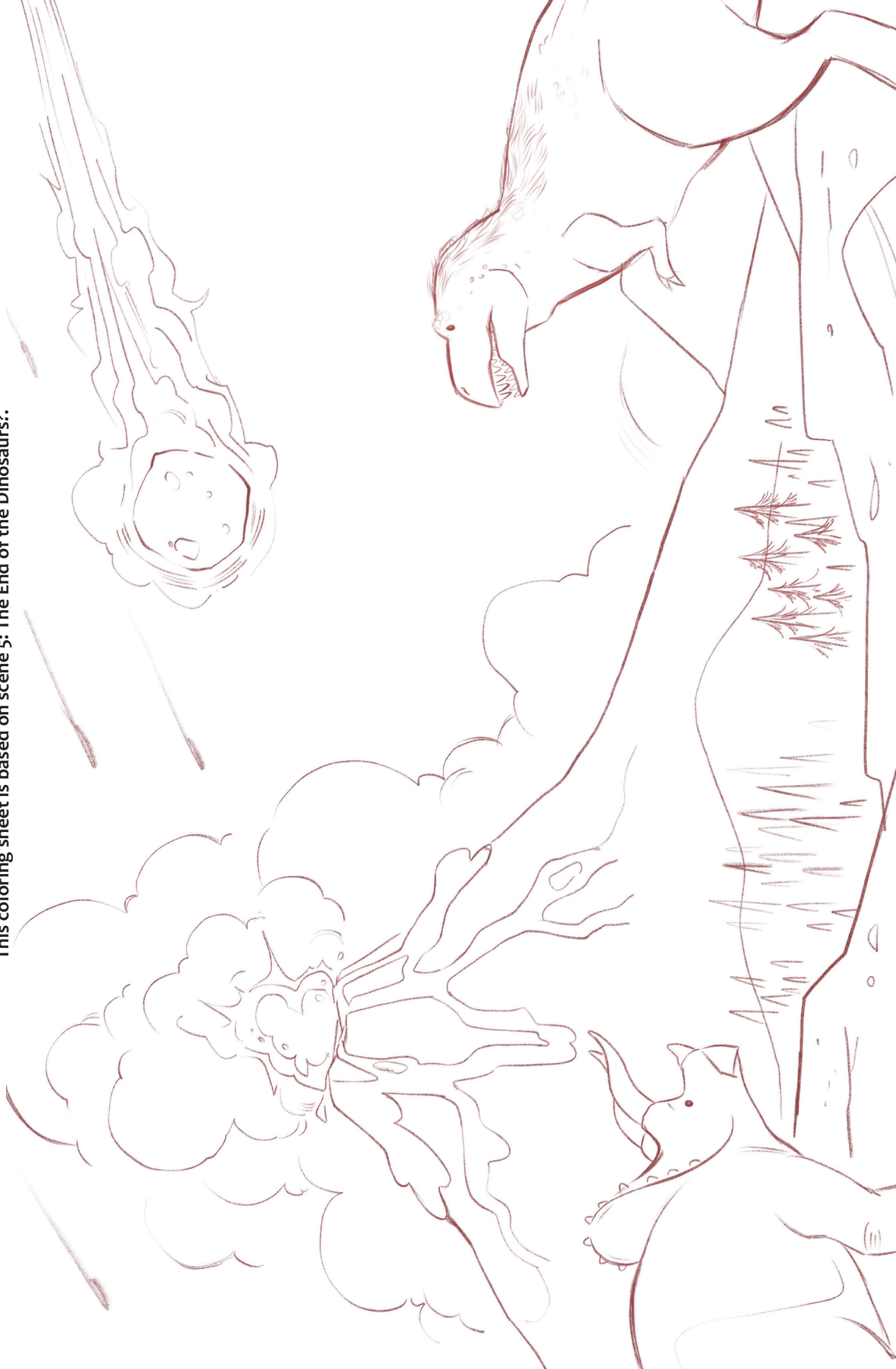
-



=

COLOR ME IN!

This coloring sheet is based on scene 5: The End of the Dinosaurs?.



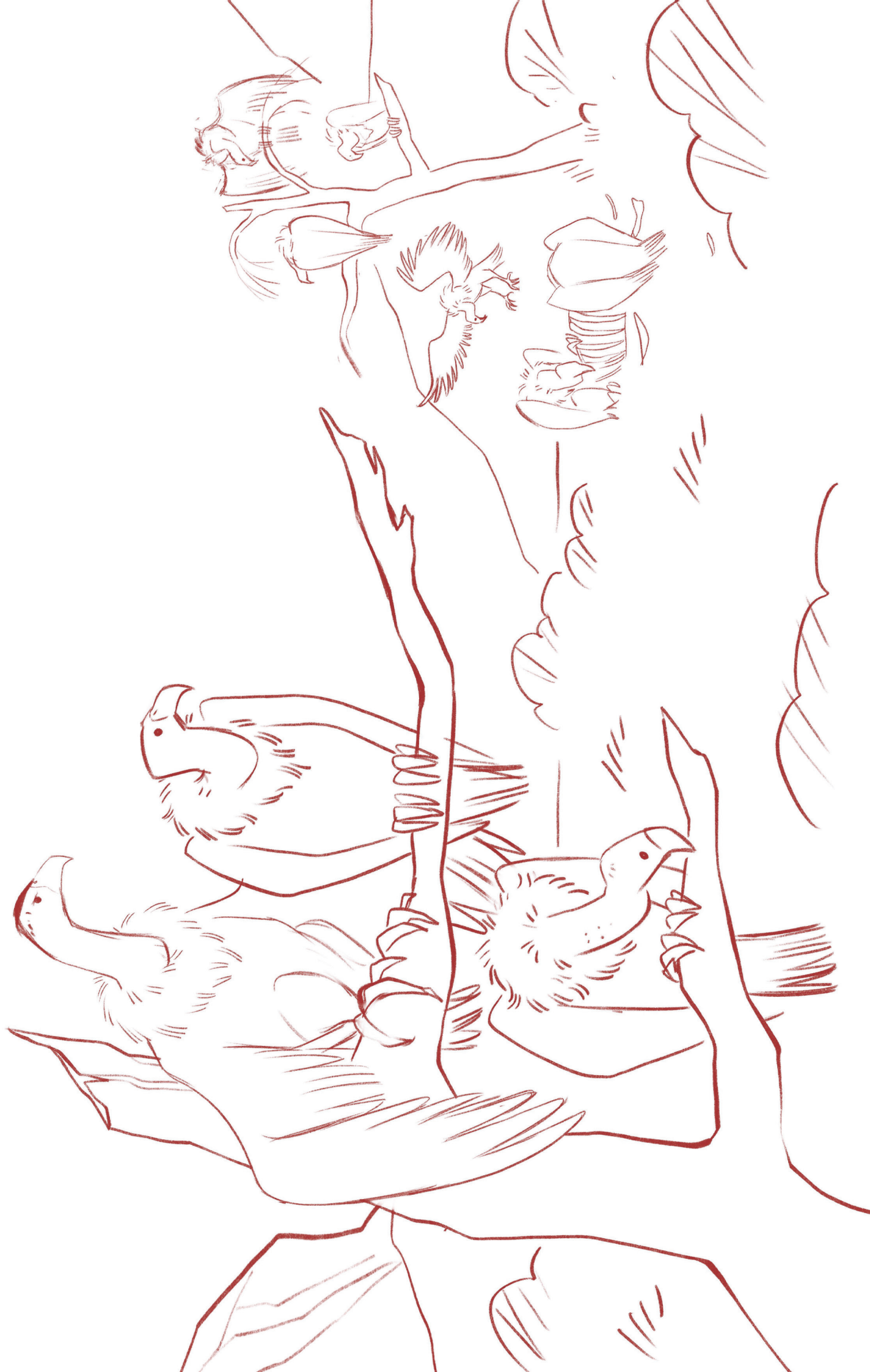
COLOR ME IN!

This coloring sheet is based on scene 6: Prehistoric Survivors.



COLOR ME IN!

This coloring sheet is based on scene 11: Feathery Cleanup Crew.



COLOR ME IN!

This coloring sheet is based on scene 13: Funny Family Members.



YOUNG ORNITHOLOGISTS' ACTIVITY ANSWERS

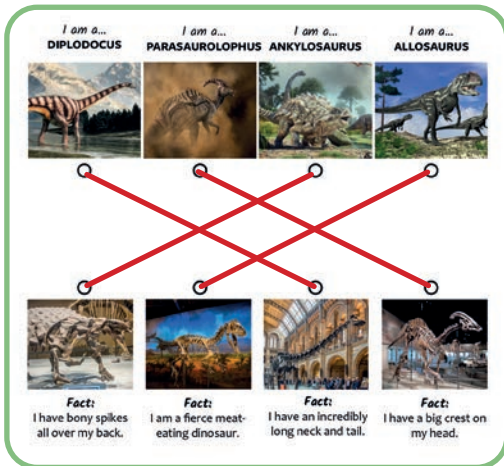
Find the answers to the activities on the following pages.

ACTIVITY ANSWERS

Check your answers against the correct answers below!

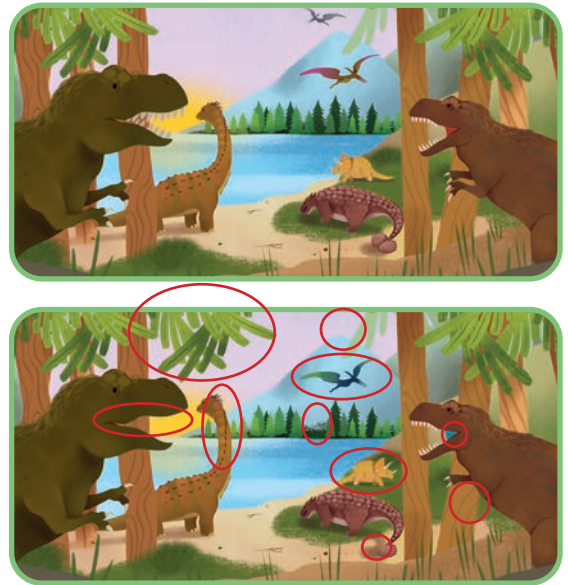
FOSSIL HUNT ANSWERS

The answers below are for the “match up” activity on page 3.



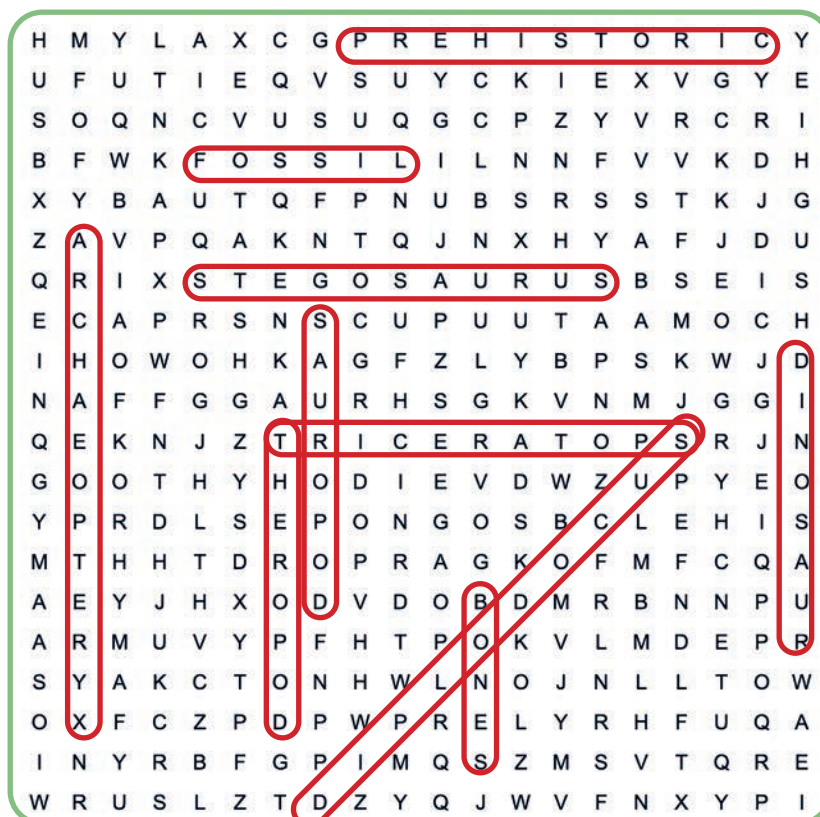
DINOSAUR TRICKSTERS ANSWERS

The answers below are for the “spot the difference” activity on page 4.



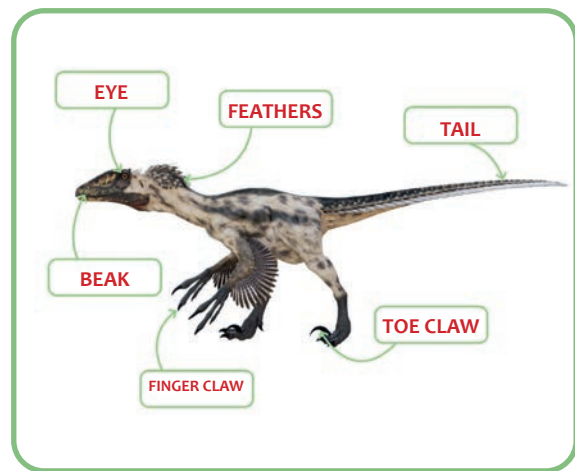
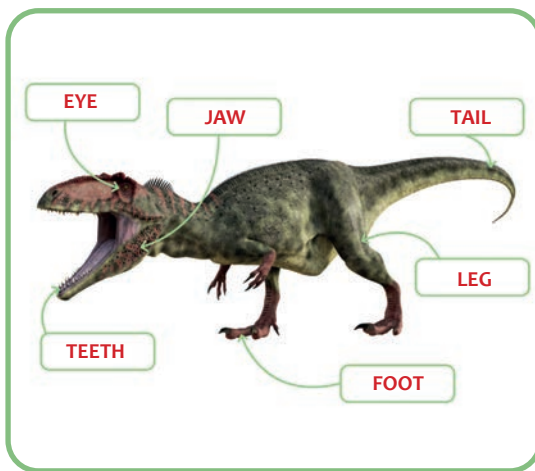
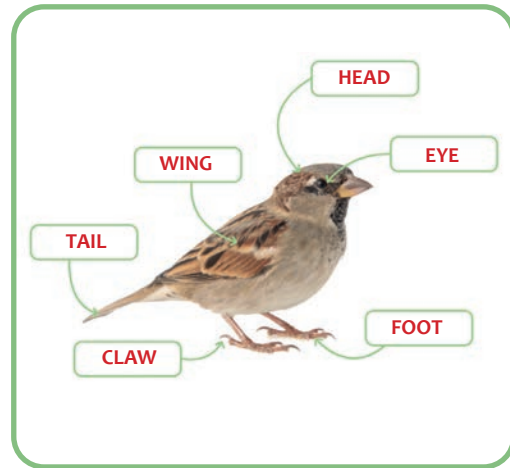
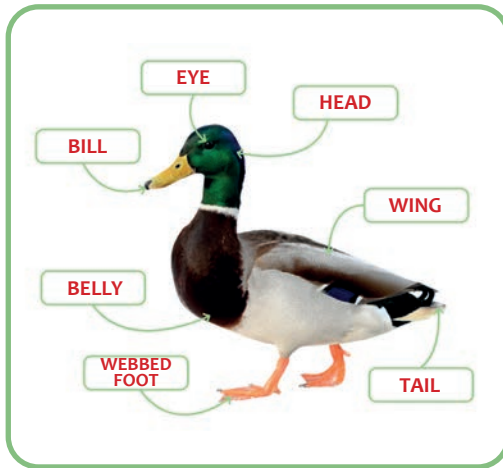
WORDS BACK IN TIME ANSWERS

The answers below are for the “word search” activity on page 5.



ANIMAL DETECTIVE ANSWERS

The answers below are for the “label the parts” activities on pages 6-9.



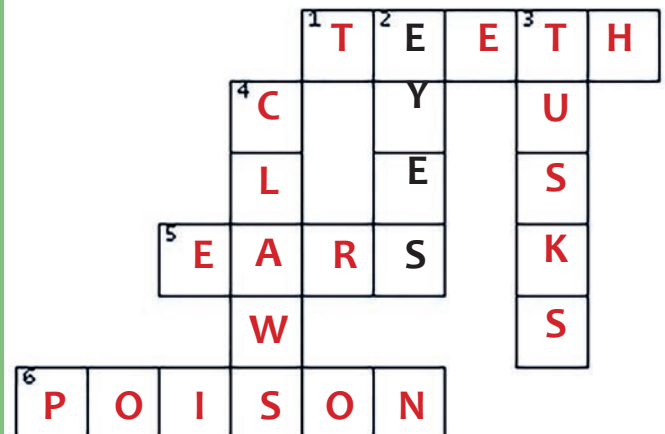
WORD SMASH ANSWERS

The answers below are for the “word scramble” activity on page 10.

- RETX ————— **T. REX**
 SPOTRTICEAR ——— **TRICERATOPS**
 UROADSIN ————— **DINOSAUR**
 RIHPERSTICO ——— **PREHISTORIC**
 DESATROI ————— **ASTEROID**
 TERYAEOPXARCH — **ARCHAEOPTERYX**
 SILSOF ————— **FOSSIL**

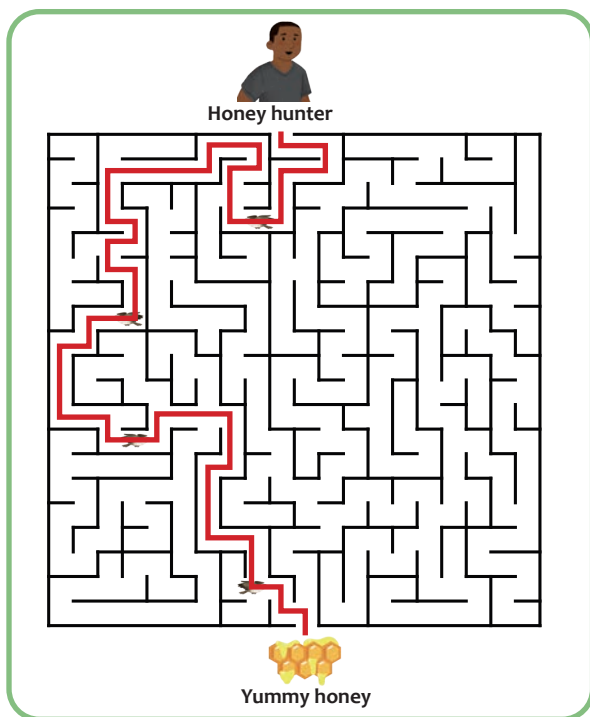
FIERCE ANIMALS ANSWERS

The answers below are for the “crossword” activity on page 12.



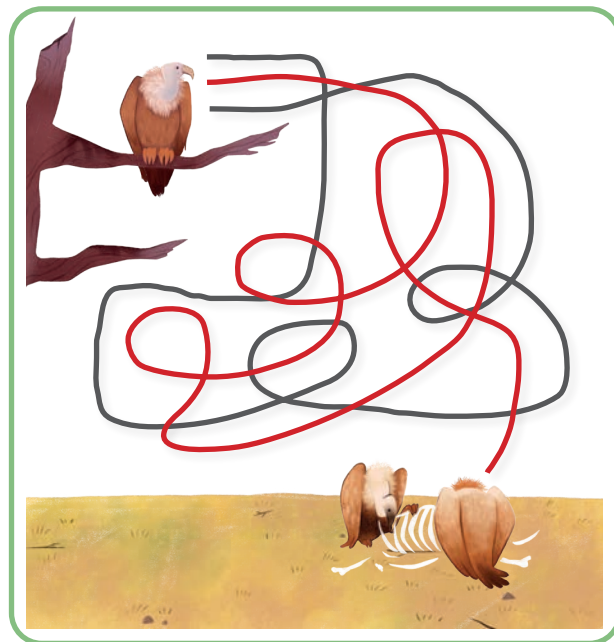
HONEY HUNT ANSWERS

The answers below are for the “maze” activity on page 15.



DINNERTIME! ANSWERS

The answers below are for the “line maze” activity on page 16.



NATURE'S FRIENDS ANSWERS

The answers below are for the “fill in the blanks” activity on page 17.

1. Birds help plants by spreading their **seeds** around, which means that new plants can grow in different places.
2. Birds also help farmers out by eating **insects** like caterpillars that would otherwise eat and damage the crops!
3. By eating from carcasses, birds like **vultures** keep our natural world free from unhealthy illness and disease.
4. Some brave birds team up with animals that are much bigger than them! Oxpecker birds eat parasites off animals like rhinos, which keeps them **clean** and healthy. What good team players they are!
5. Seabirds even help the ocean and everything that lives in it stay healthy. Their **poop** is full of nutrients which are really useful for these habitats!

SPECTACULAR CONNECTIONS ANSWERS

The answers below are for the “true or false?” activity on page 18.

	SENTENCE	TRUE	FALSE
1	The Archaeopteryx fossil was found in America.		FALSE
2	The Archaeopteryx was about the size of a pigeon.	TRUE	
3	The scientists who study birds are called volcanologists.		FALSE
4	Birds do amazing things to help our planet.	TRUE	
5	Birds are related to dinosaurs.	TRUE	
6	Huge dinosaurs like T. rex are still on Earth today		FALSE

EXTRA ACTIVITY ANSWERS

Check your answers against the correct answers below!

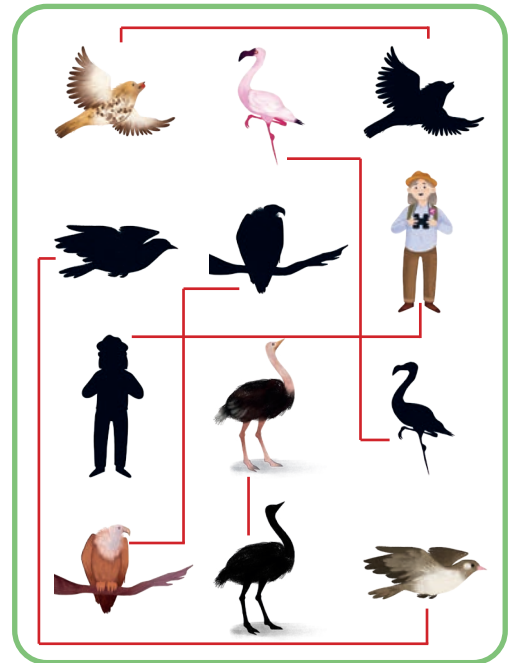
FIND THE SCIENTIST

The answers below are for the activity on page 21.
















MATCH THE SHAPE

The answers below are for the activity on page 22.



SIMPLE SUMS

The answers below are for the activity on page 23.

	+		-		=	<div style="border: 1px solid black; padding: 5px; display: inline-block;">3</div>		
	-		+		=	<div style="border: 1px solid black; padding: 5px; display: inline-block;">7</div>		
	-		+		=	<div style="border: 1px solid black; padding: 5px; display: inline-block;">7</div>		
	+		+		-		=	<div style="border: 1px solid black; padding: 5px; display: inline-block;">0</div>