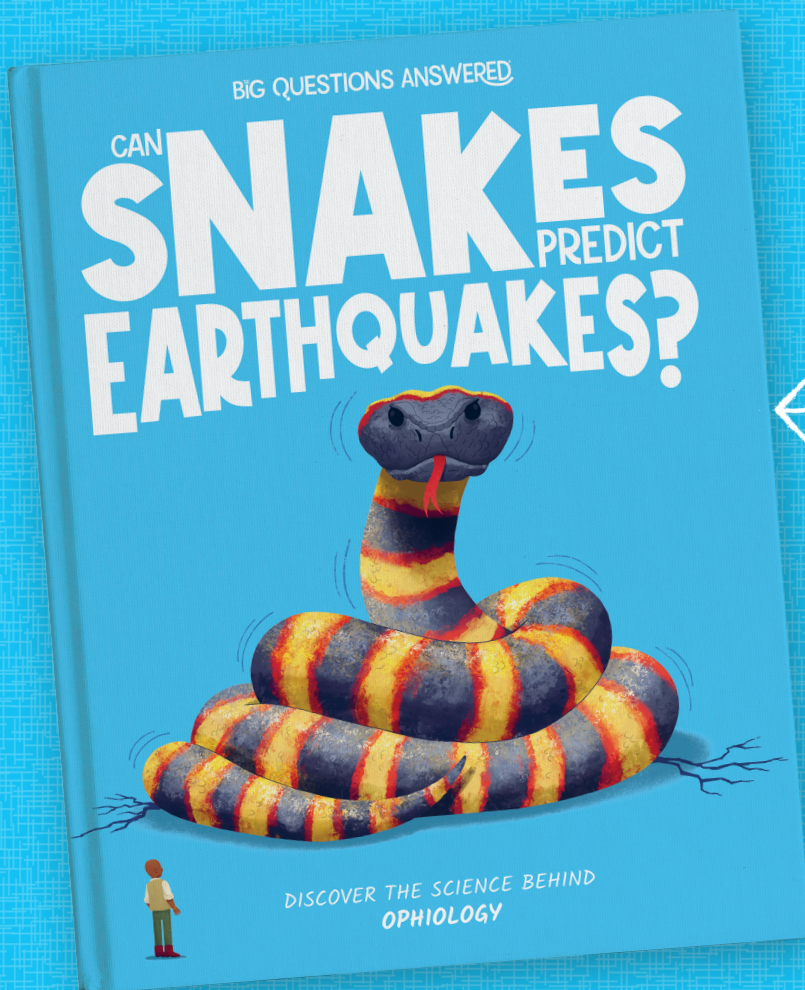


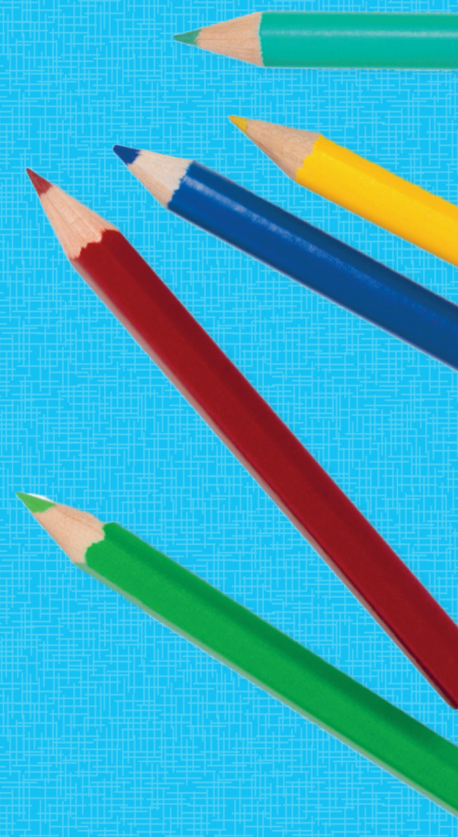
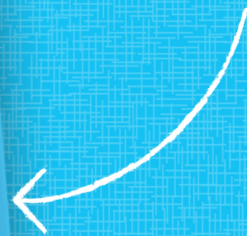
THE BIG QUESTIONS ANSWERED

YOUNG OPHIOLOGISTS'

ACTIVITY PACK



Full of fun and exciting activities to accompany this book!



CONTENTS:

Snakes Around the World: Creative Drawing	3
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(t = top, b = bottom, m = middle, l = left, r = right)

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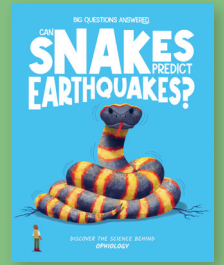
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CAN SNAKES PREDICT EARTHQUAKES?

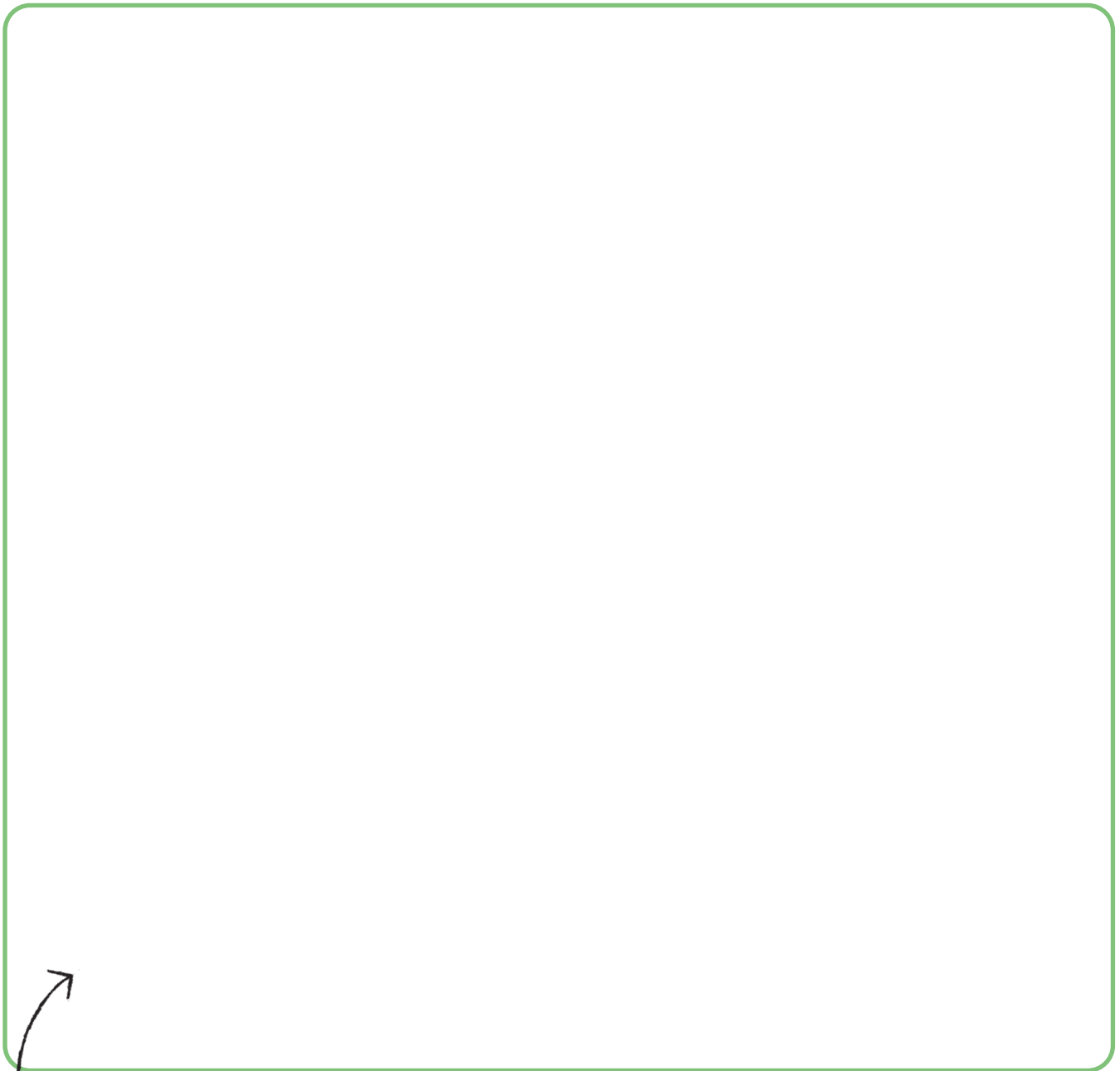
For reference to the Teachers' & Parents' Resources, this goes with 'The Most Venomous Snake: Scene 1'.

www.thebigquestionsanswered.com



SNAKES AROUND THE WORLD

Snakes can live in lots of different environments all around the world! Can you draw a snake and a home for it to live in?



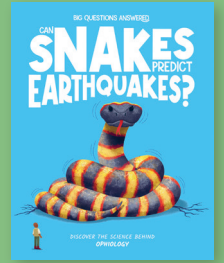
Draw your snake and its home in here!



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'In Ancient Rome: Scene 2'.

www.thebigquestionsanswered.com



A DAY IN ANCIENT ROME

Write a diary entry as if you were travelling back in time and could spend a day in Ancient Rome. How would you feel, what do you think you might see, and what might you get up to for the day?

A large, light-colored, irregularly shaped area with horizontal lines for writing a diary entry.



Feeling stuck? Try some of these...

Describe what Ancient Rome looks like.

Think about colours, buildings and the people.

- Describe what was different about it to where you live now.
- Describe how you would be feeling.

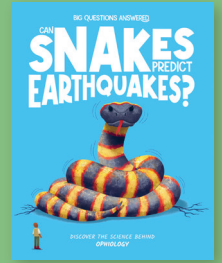
Would you be excited, nervous, or something else?



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Modern Medicine: Scene 3'.

www.thebigquestionsanswered.com



SNAKE VENOM MEDICINE

The snake venom has arrived at the lab. Can you help to make the medicine? Get creative and draw your own life-saving snake medicine! Then fill in the section below by writing your answers to the prompts.



Draw your snake medicine in here!

This medicine is called:

The medicine was discovered by (put your name):.....

This medicine is special because it can:

.....

.....



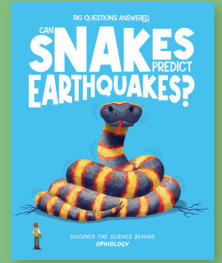
Get as creative and imaginative as you like with the answers above. The funnier the better!



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Snakes in the Sea: Scene 4'.

www.thebigquestionsanswered.com



SUPERB SNAKE FACTS

Choose a snake – any you like – and see what amazing things you can find out about it! Draw your chosen snake and fill in all of the information below.



Draw your snake in here!

This snake is called:

It is found in the habitat.

This snake can grow up to

This snake eats

This snakes main features are:

.....

Fun fact:

.....

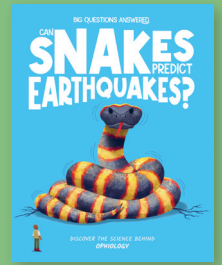
Why not print this sheet off multiple times to create a booklet full of lots of different snakes!



CAN SNAKES PREDICT EARTHQUAKES?

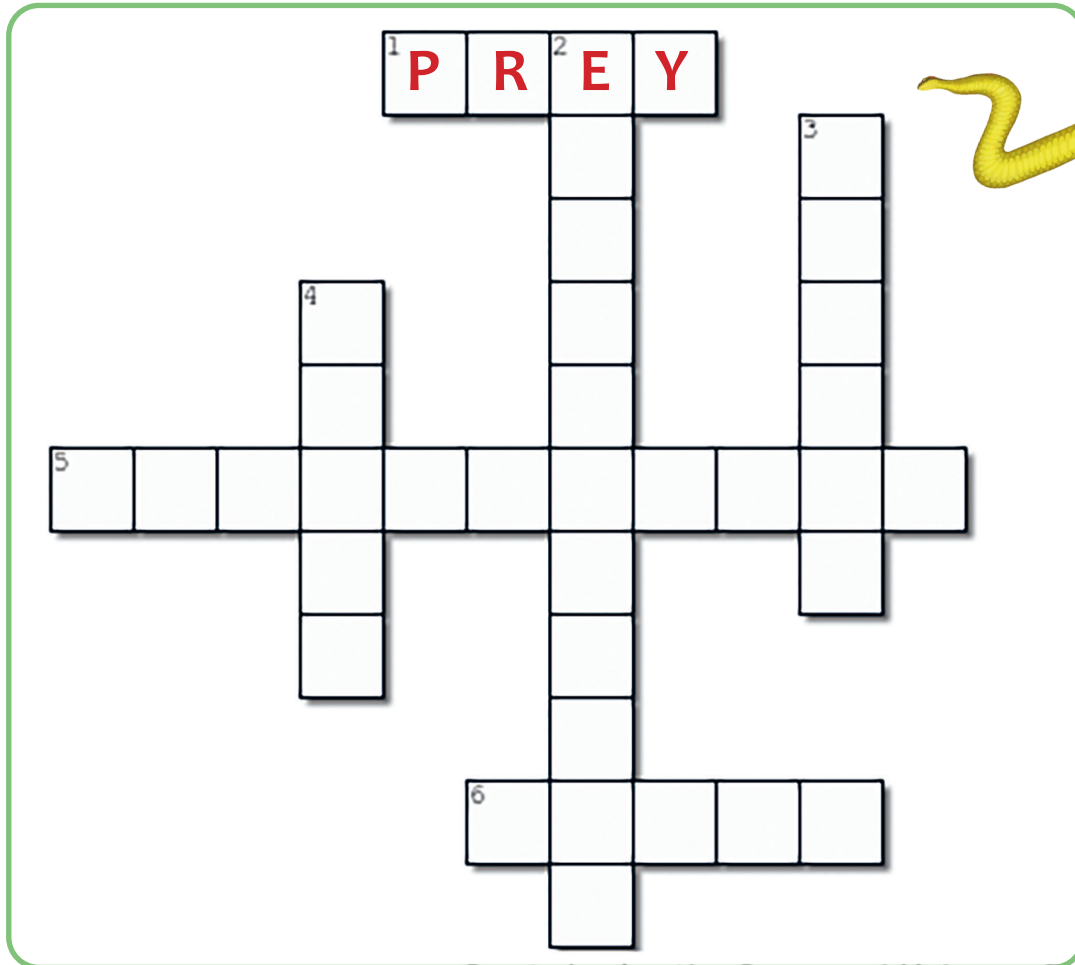
For reference to the Teachers' & Parents' Resources, this goes with 'Snakes That Can Fly: Scene 5'.

www.thebigquestionsanswered.com



SOARING SNAKES

The flying snake sees a lot of words as it glides through the air. Use the clues below to complete the crossword. The first clue has been done for you.



OPHIOLOGIST

SNAKE

GLIDE

ENVIRONMENT

FOREST

~~PREY~~

ACROSS

1. ~~An animal that is hunted by other animals for food.~~
5. A person who studies snakes.
6. A scaled, long-bodied reptile.

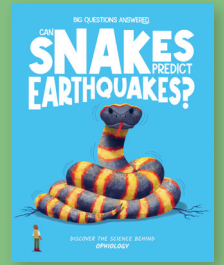
DOWN

2. Everything that is around us.
3. A large area of land covered with trees.
4. To move smoothly and continuously in the air without effort.

CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Hunting for Prey: Scene 6'.

www.thebigquestionsanswered.com



PREDATORS AND PREY

Snakes are excellent predators! Can you match up the snake with its prey? Can you match the other predators to their prey too? Use the clues below to help you.

I am a... **SNAKE**
I like to eat small animals that have long tails!

I am a... **LIZARD**
I like to eat small insects that jump!

I am a... **FROG**
I like to eat small insects that buzz!

I am a... **FOX**
I like to eat animals that hop around!



I am a... **FLY**



I am a... **RABBIT**



I am a... **CRICKET**



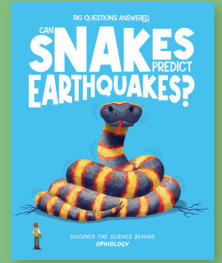
I am a... **MOUSE**



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Amazing Abilities: Scene 7'.

www.thebigquestionsanswered.com



WATCHING SNAKES IN THE WILD

Imagine you are out in nature and you spot a snake using its amazing abilities to hunt its prey. What do you think about it? Read the questions below and think about your own opinions before filling in your answers.

If you had the chance, and they could talk, what would you ask a snake?

.....
.....
.....

What amazing ability would you want if you can have any, and why?

.....
.....
.....

What amazing ability that a snake can do is your favourite, and why?

.....
.....
.....

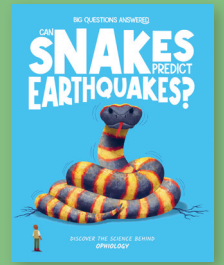
Have you ever seen a snake in real life? If so, what was it like? If you haven't, would you like to? What snake would you most like to see?

.....
.....
.....

CAN SNAKES PREDICT EARTHQUAKES?

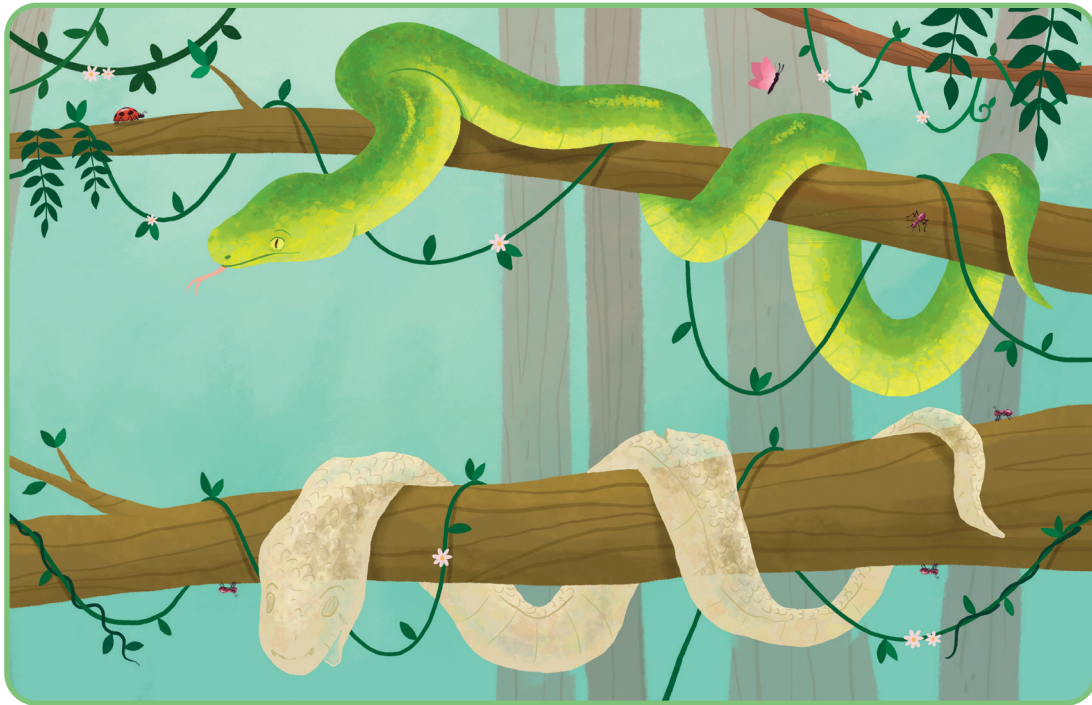
For reference to the Teachers' & Parents' Resources, this goes with 'Snakes Shedding Skin: Scene 8'.

www.thebigquestionsanswered.com



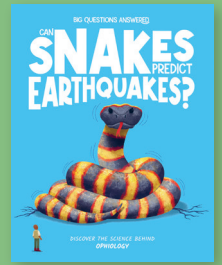
SNAKE COMPARISON

This sneaky snake is trying to catch us out! Can you spot the 10 differences between the two scenes? Circle them when you spot them.



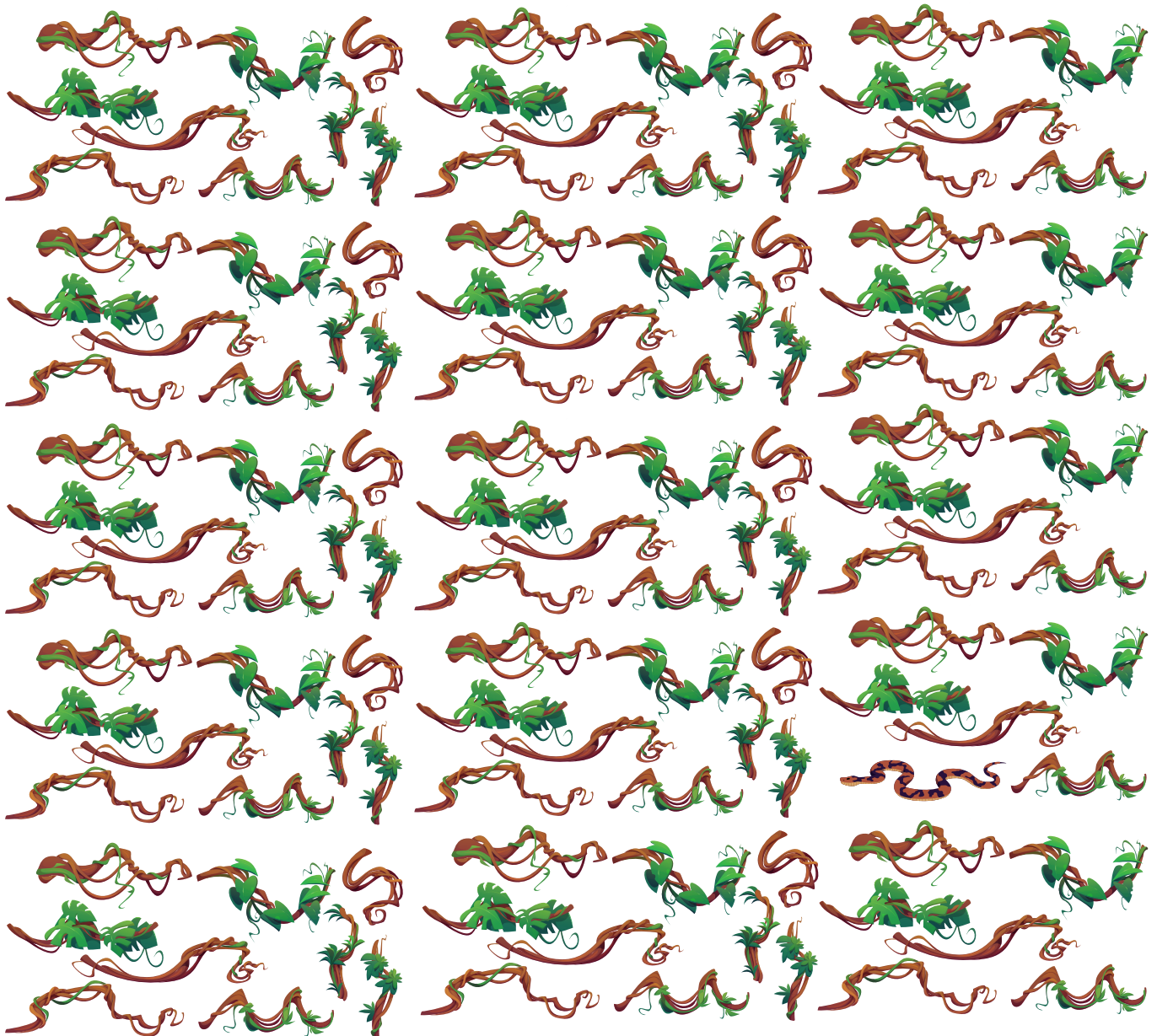
CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Clever Camouflage: Scene Nine'.
www.thebigquestionsanswered.com



SPOT THE SNEAKY SNAKE

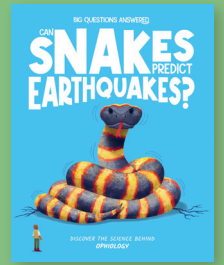
There are so many snakes that are experts at camouflage. One of them has hidden itself among the branches below, can you spot it?



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Snakes in the Amazon: Scene 10'.

www.thebigquestionsanswered.com



ALL SORTS OF SNAKES

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

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

AMAZON
SPECIES
TROPICAL
BLIND SNAKE

RAINFOREST
TREE BOA
ENVIRONMENT

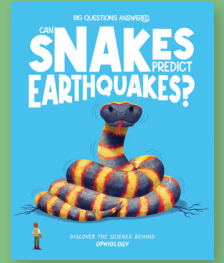
ANACONDA
COBRA
CORAL SNAKE



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Headbutting Snakes: Scene II.'

www.thebigquestionsanswered.com

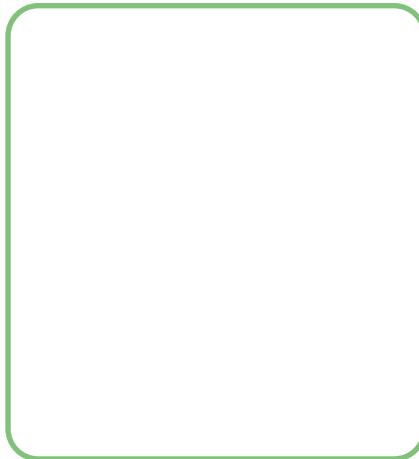


SUPER SNAKE SAVES THE DAY

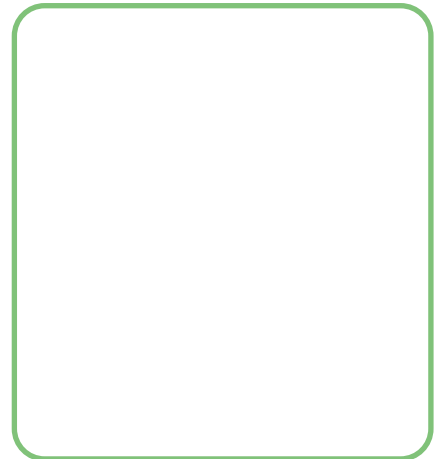
Below are some sentences. Draw an image inside each box to match each sentence and create your own comic.



Snakes are slithering around, enjoying their day, until...



how strange... the snakes have started to headbutt the walls!



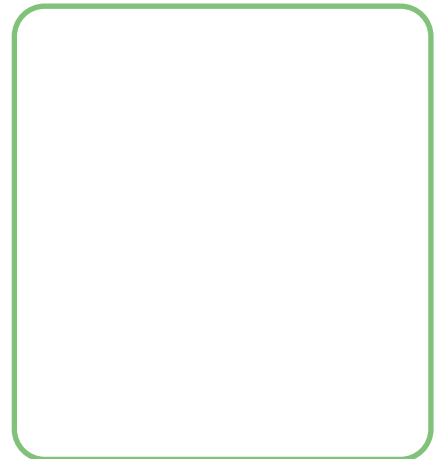
That must mean an earthquake is on the way...



An earthquake hits... quick! people rush to take cover.



The earthquake stops. Everybody is safe.

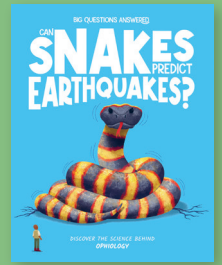


The super snakes have saved the day!

CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Predicting Earthquakes: Scene 12'.

www.thebigquestionsanswered.com



SNAKE SCRAMBLE

Test your word-solving skills by trying to unscramble the words related to snakes and their amazing abilities! Can you guess them all?

EURAKEQATH

SSEKAN

NSITIVSE

SLOTGOPHIOIS

GNITCIDERP

GDNUOR

OPHIOLOGISTS

GROUND

SENSITIVE

EARTHQUAKE

PREDICITING

SNAKES

EXTRA ACTIVITY - WORD WITHIN WORDS

How many words can you find within the word 'ophiologist'?

1. You can only use the letters within the word 'ophiologist'.
2. Each of these letters can only be used once: P, H, L, G, S, T.
3. 'Ophiologist' has three letter O's so you can use 'O' three times in one word.
4. 'Ophiologist' has two I's so you can use 'I' twice.
5. You can't use any other letters from the alphabet.

Example: you can make the word HOOP using the letters in OPHIOLOGIST.

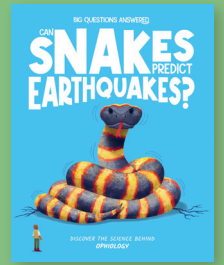
OPHIOLOGIST



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'The importance of Snakes: Scene 13'.

www.thebigquestionsanswered.com



ALL ABOUT SNAKES

Now you know all about snakes and their impressive abilities, read the statements below and decide if they are true or false.

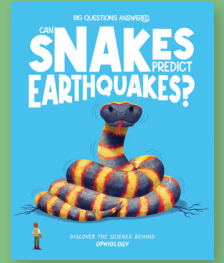
	SENTENCE	TRUE	FALSE
1	Snakes are one of the most sensitive animals to changes in their environment.		
2	Snakes can explode if they eat too much food.		
3	Snakes smell using their tails.		
4	Snakes don't shed their skin.		
5	Snakes can live in the sea, as well as on land.		



CAN SNAKES PREDICT EARTHQUAKES?

For reference to the Teachers' & Parents' Resources, this goes with 'Post-Reading Questions'.

www.thebigquestionsanswered.com



WRITE YOUR OWN OPHIOLOGY STORY

Can you write a story of your own about ophiology, making sure to include the 3 key words below?

DISCOVERY

SNAKE

OPHIOLOGIST

A large, light-orange, torn-edge rectangular area containing 18 horizontal lines for writing a story.

MORE FUN OPHIOLOGY ACTIVITIES

COLOURING 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.

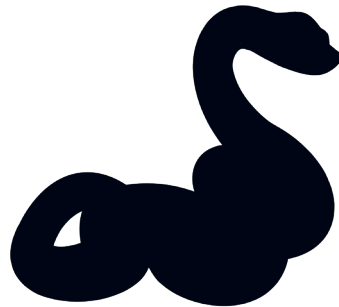
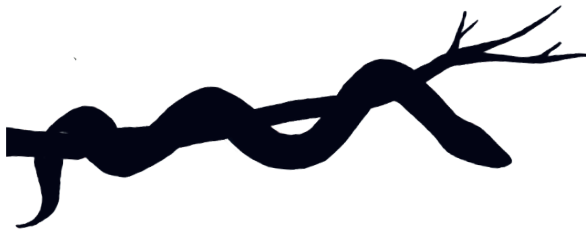
FIND THE SCIENTIST

There are lots of different scientists below. Can you find the ophiologist?
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

 $+$  $+$  $+$  $=$

 $-$  $+$  $=$

 $+$  $-$  $=$

 $+$  $-$  $=$

COLOUR ME IN!

This colouring sheet is based on scene 2: In Ancient Rome.



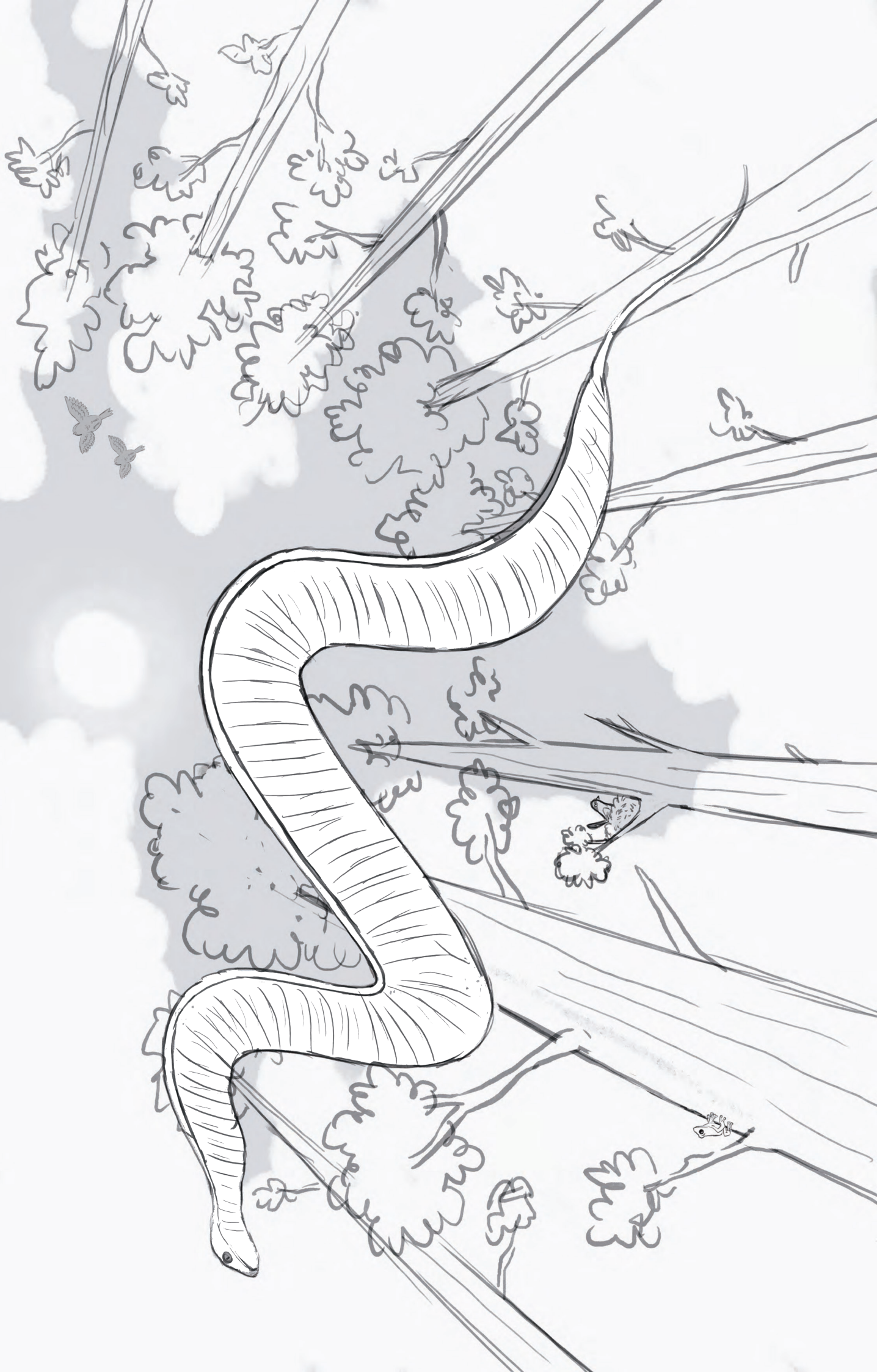
COLOUR ME IN!

This colouring sheet is based on scene 3: Modern Medicine.



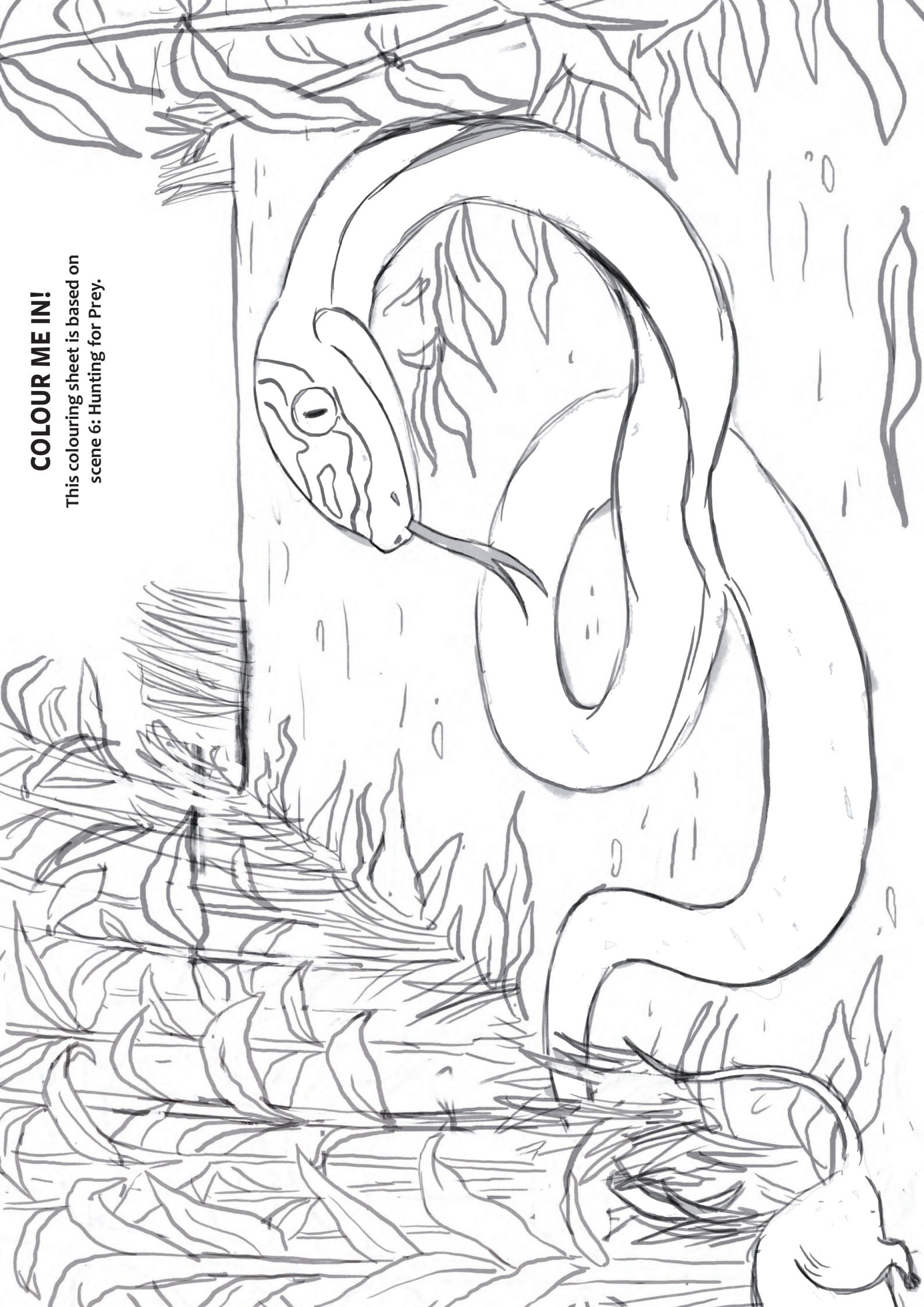
COLOUR ME IN!

This colouring sheet is based on scene 5: Snakes that Can Fly.



COLOUR ME IN!

This colouring sheet is based on scene 6: Hunting for Prey.



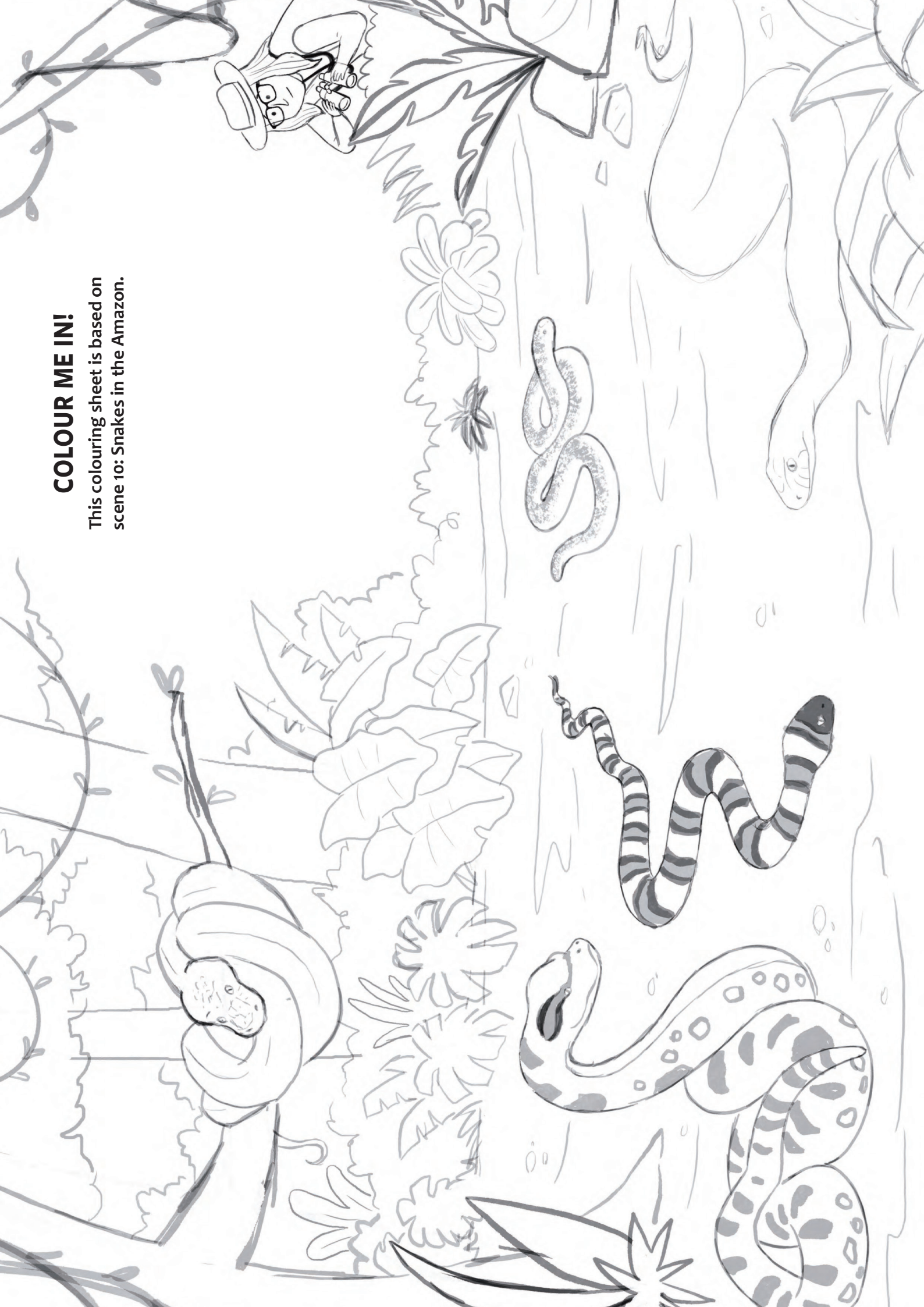


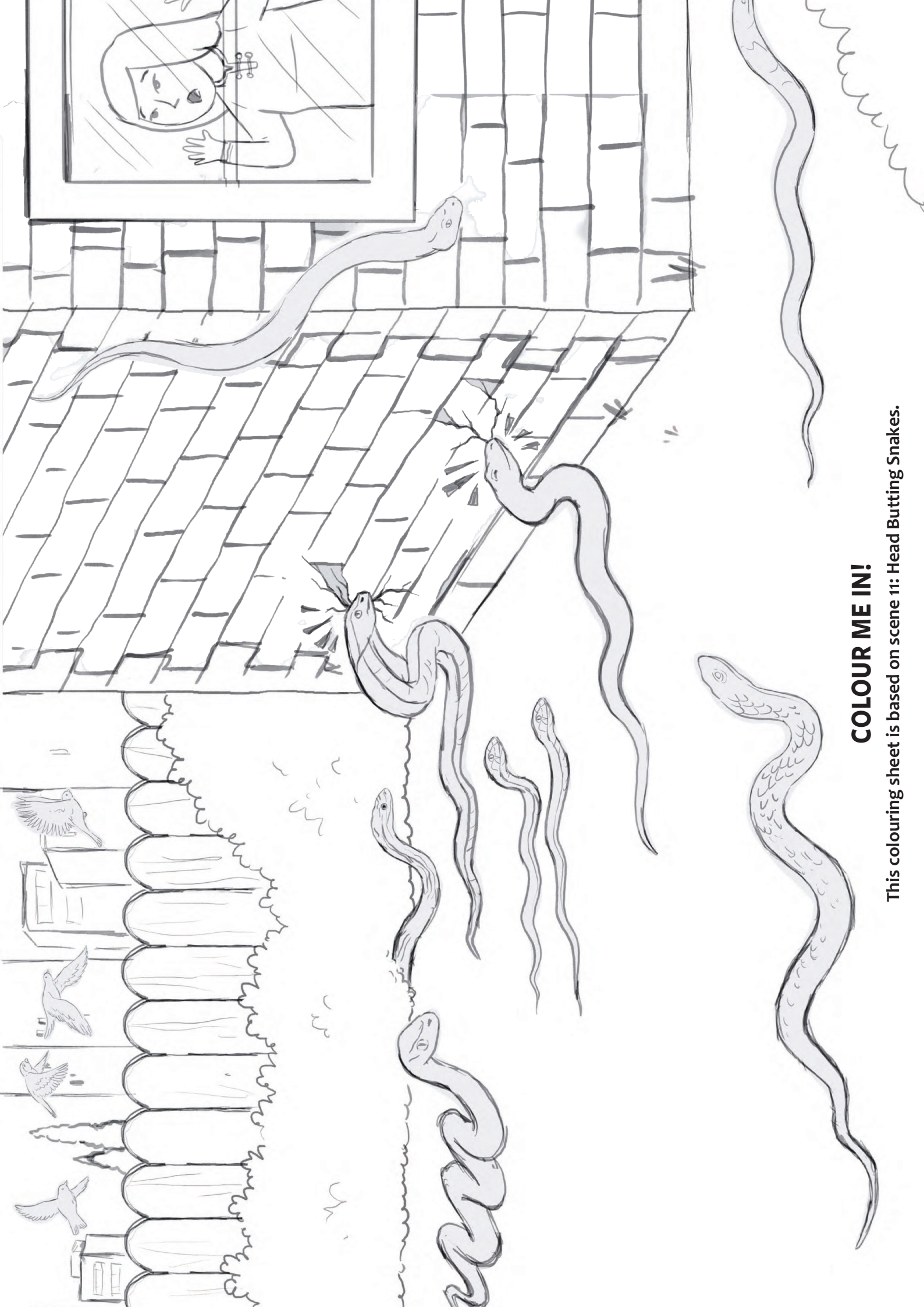
COLOUR ME IN!

This colouring sheet is based on scene 7: Amazing Abilities.

COLOUR ME IN!

This colouring sheet is based on scene 10: Snakes in the Amazon.





COLOUR ME IN!

This colouring sheet is based on scene 11: Head Butting Snakes.

COLOUR ME IN!

This colouring sheet is based on scene 12: Predicting Earthquakes.



COLOUR ME IN!

This colouring sheet is based on scene
13: The Importance of Snakes.



DOT-TO-DOT

Starting from 1, draw a line connecting the numbers to create a picture. Why not colour it in afterwards?



YOUNG OPHTHOLOGIST'S ACTIVITY ANSWERS

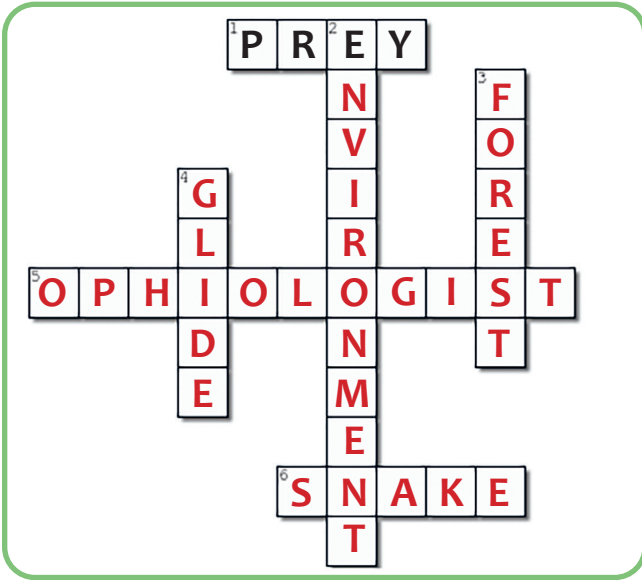
Find the answers to the activities on the following pages.

ACTIVITY ANSWERS

Check your answers against the correct answers below!









SOARING SNAKES ANSWERS

The answers below are for the 'crossword' activity on page 7.



PREDATORS AND PREY ANSWERS

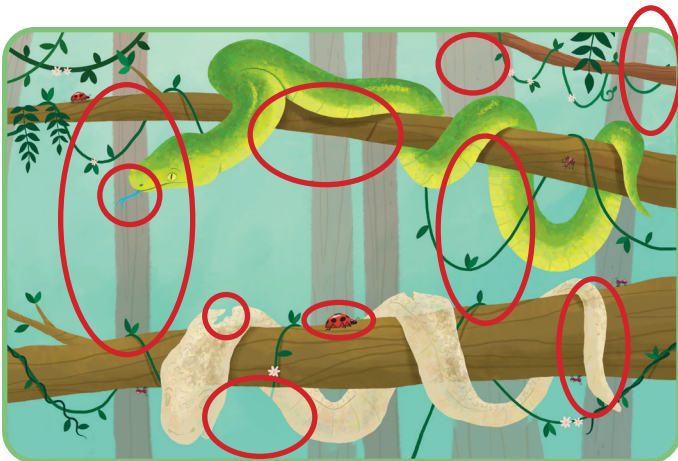
The answers below are for the 'match up' activity on page 8.

<p><i>I am a... SNAKE</i> I like to eat small animals that have long tails!</p> 	<p><i>I am a... LIZARD</i> I like to eat small insects that jump!</p> 	<p><i>I am a... FROG</i> I like to eat small insects that buzz!</p> 	<p><i>I am a... FOX</i> I like to eat animals that hop around!</p> 
 <p><i>I am a... FLY</i></p>	 <p><i>I am a... RABBIT</i></p>	 <p><i>I am a... CRICKET</i></p>	 <p><i>I am a... MOUSE</i></p>

Red lines connect the predator descriptions to their corresponding prey images: Snake to Mouse, Lizard to Cricket, Frog to Fly, and Fox to Rabbit.

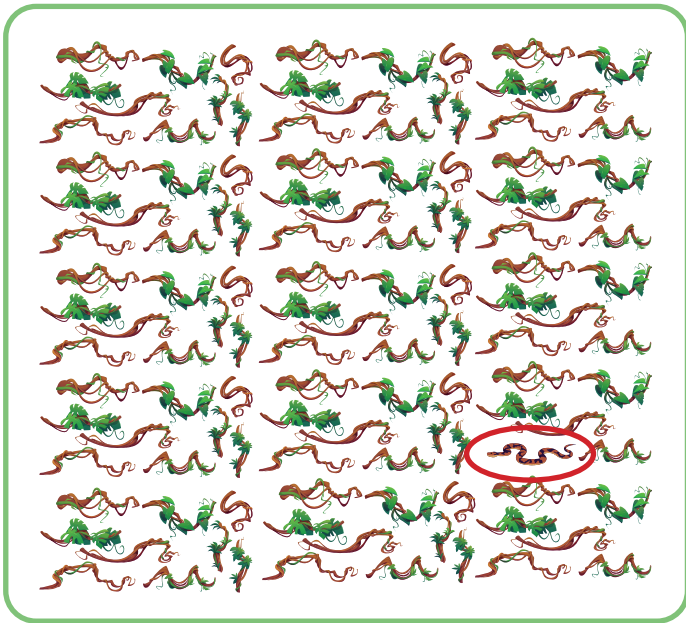
SNAKE COMPARISON ANSWERS

The answers below are for the 'spot the difference' activity on page 10.



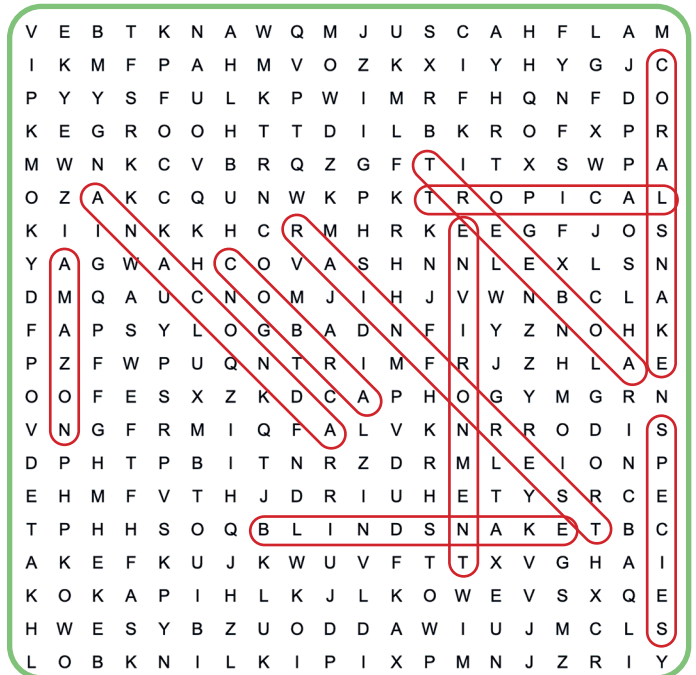
SPOT THE SNEAKY SNAKE ANSWERS

The answers below are for the 'odd one out' activity on page 11.



ALL SORTS OF SNAKES ANSWERS

The answers below are for the 'word search' activity on page 12.



SNAKE SCRAMBLE ANSWERS

The answers below are for the 'word scramble' activity on page 14.

EURAKEQATH ——— EARTHQUAKE

SSEKAN ——— SNAKES

NSITIVSE ——— SENSITIVE

SLOTGOPHIOIS ——— OPHIOLOGISTS

GNITCIDERP ——— PREDICTING

GDNUOR ——— GROUND

ALL ABOUT SNAKES ANSWERS

The answers below are for the 'true or false?' activity on page 15.

	SENTENCE	TRUE	FALSE
1	Snakes are one of the most sensitive animals to changes in their environment.	TRUE	
2	Snakes can explode if they eat too much food.	TRUE	
3	Snakes smell using their tails.		FALSE
4	Snakes don't shed their skin.		FALSE
5	Snakes can live in the sea, as well as on land.	TRUE	

EXTRA ACTIVITY ANSWERS

Check your answers against the correct answers below!

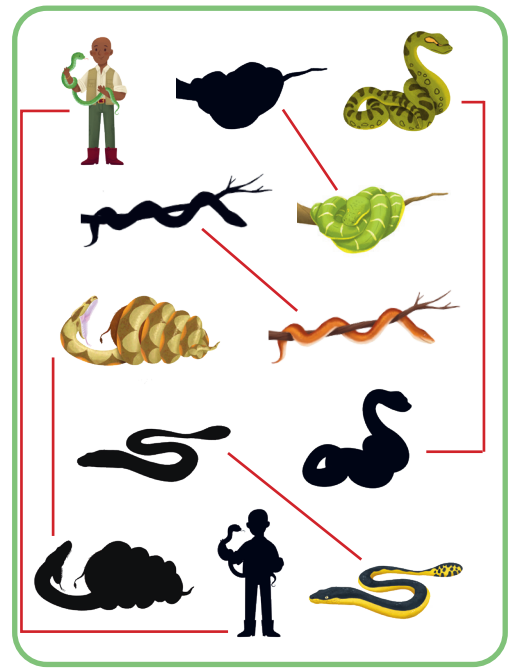
FIND THE SCIENTIST

The answers below are for the activity on page 18.



MATCH THE SHAPE

The answers below are for the activity on page 19.



SIMPLE SUMS

The answers below are for the activity on page 20.

$$\begin{array}{l}
 \text{Green snake} + \text{Scientist} + \text{Scientist} + \text{Scientist} = \boxed{6} \\
 \text{Brown snake} - \text{Scientist} + \text{Green snake} = \boxed{7} \\
 \text{Brown snake} + \text{Green snake} - \text{Scientist} = \boxed{7} \\
 \text{Green snake} + \text{Green snake} - \text{Brown snake} = \boxed{1}
 \end{array}$$