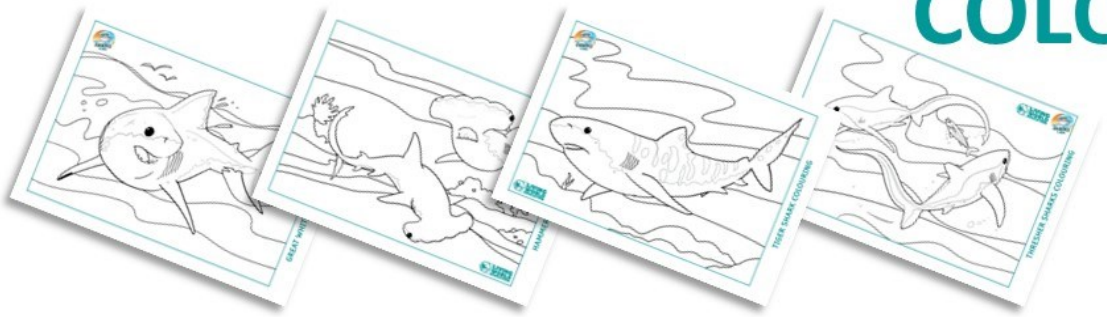
ACTIVITY BOOK

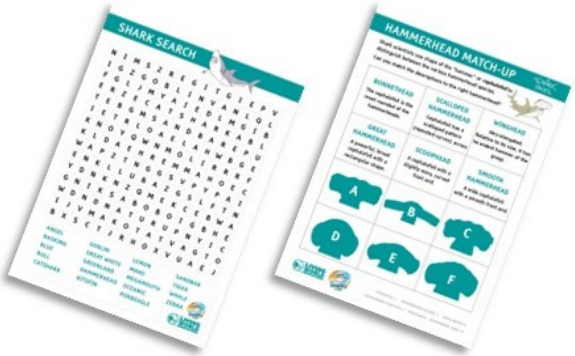
SHARK SKOOL

Save paper—only print the pages you need!

COLOURING PAGES



PUZZLES



CRAFTS

SHARK SHAPES

SHARKS 4 KIDS

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MEGALODON MODELLING

SHARK SKOOL

This easy recipe makes the salt dough you need.
Then use the template to form your own fossil megalodon tooth...

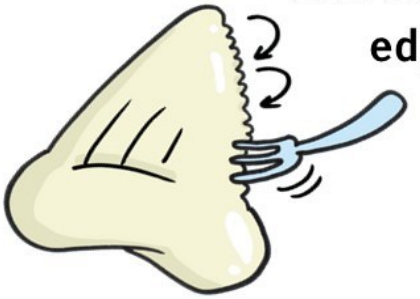
STEP 1. MAKE THE DOUGH...

- **PLAIN FLOUR = 1 cup**
- **SALT = half cup**
- **WATER = half a cup**

mix together in a bowl

STEP 2. SHAPE IT

Use the template below to form your "tooth"



Add a serrated edge using a fork

STEP 3. ALLOW TO DRY

STEP 4. PAINT IT

Join up with friends to make a whole massive jaw full of fossil teeth!

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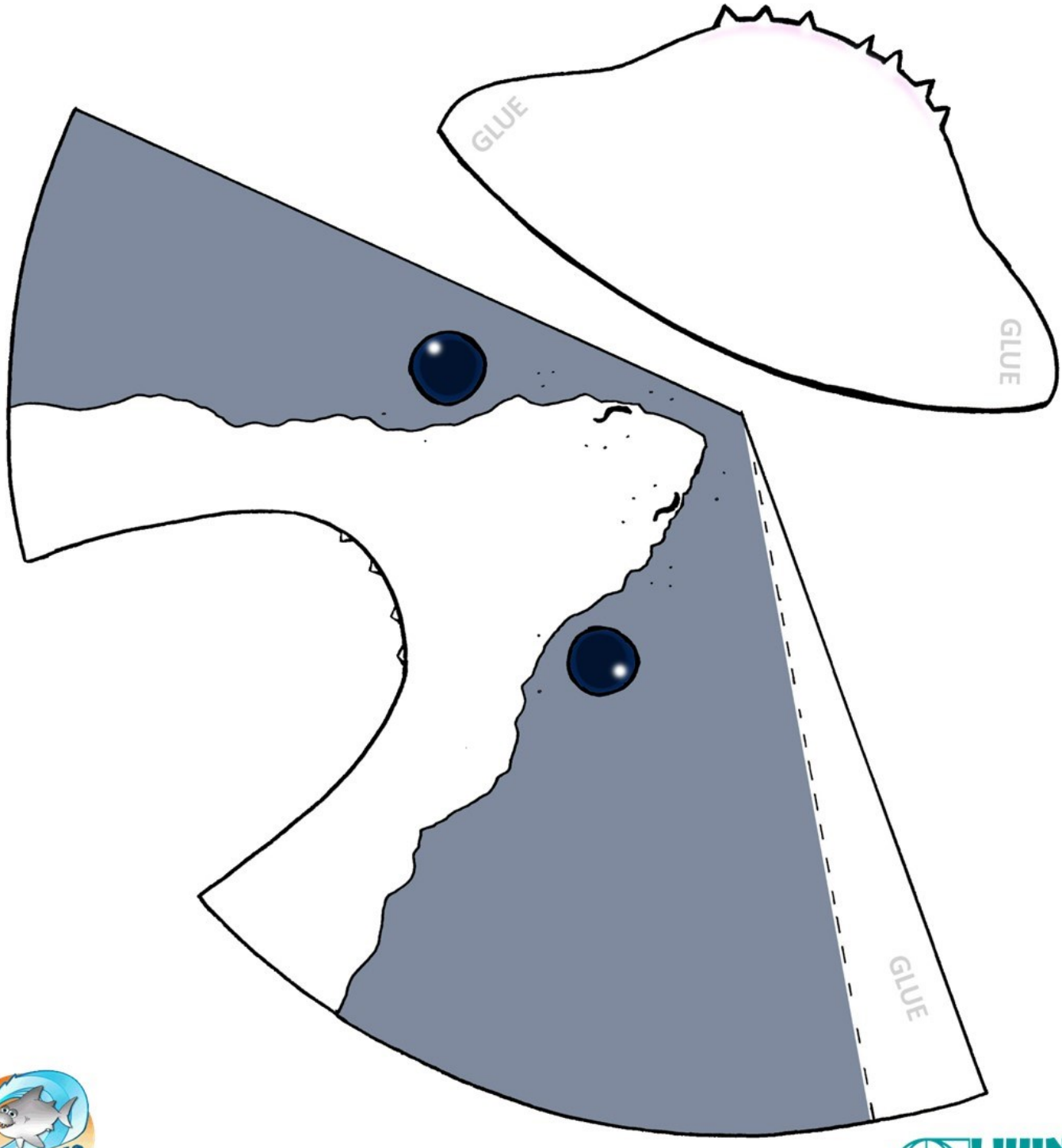
WHITE SHARK HEAD

SHARK SKOOL

Create your own jaw-some great white shark head!

1. Cut out the pieces
2. Create a cone-like head, gluing as indicated on the tab
3. Add glue to the jaw tabs and attach to the head



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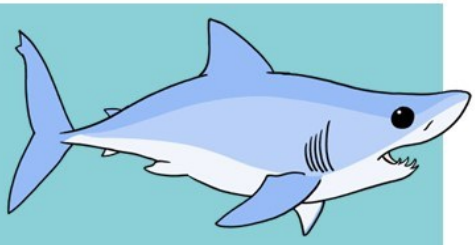
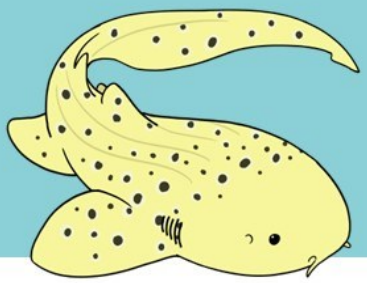
COMPARING SHARK SHAPES 1

Pelagic sharks are found between the surface and lower parts of the water **e.g. mako shark**

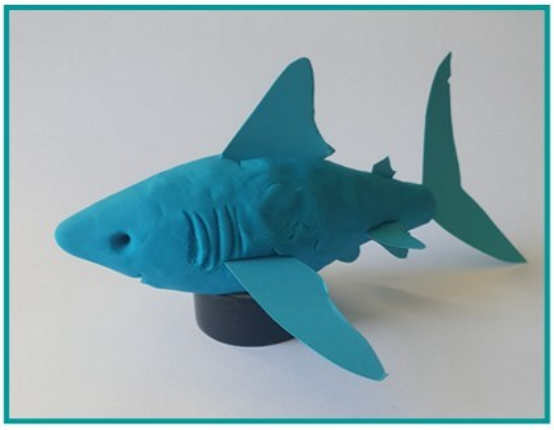




Benthic sharks these spend most of their lives on or near the sea bed **e.g. zebra shark**

By creating your own models, using the two templates provided, it is easy to see the great differences between benthic and pelagic shark species...

PELAGIC e.g. MAKO SHARK



The body shape is **streamlined** to reduce water resistance (drag). This **torpedo** form ensures water passes around the sharks body, allowing it to reach great speeds.

The power behind the speed is due to a thick muscular tail and large, evenly -shaped (homocercal) **caudal fins.**

BENTHIC e.g. ZEBRA SHARK

The body shape is **flattened** so the shark is better hidden on the seabed. These sharks can also have patterns or colouration that further disguises them.

The tails have a large, upper **caudal fin** (an uneven heterocercal tail) which means they swim in a sinuous, snake-like fashion.

Print the instructions on to card or use your page as a template.

The shapes from above/side will help you create the sharks body with modelling clay.

Add eyes and nostrils with a pencil. A small spoon can form the mouth.

Cut all the fins out and place them so that they match the example in the picture on the *"comparing shark shapes"* sheet.

MAKO SHARK

shape from above

pectoral fins

caudal (tail) fins

dorsal fins

side shape

anal fin

pelvic fins

LIVING WORLD EDUCATION

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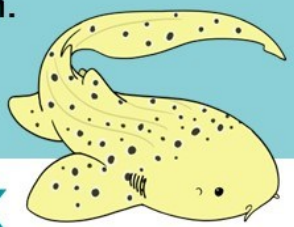


ZEBRA SHARK

shape from above

caudal fins

pectoral fins

pelvic fins

dorsal fins

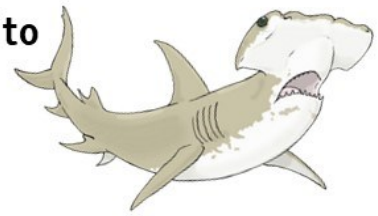
shape from side

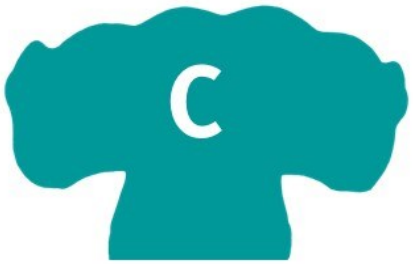
HAMMERHEAD MATCH-UP

SHARK SKOOL

Shark scientists use shape of the "hammer" or ***cephalofoil*** to distinguish between the various hammerhead species.

Can you match the descriptions to the right hammerhead?



BONNETHEAD The cephalofoil is the most rounded of the hammerheads.	**SCALLOPED HAMMERHEAD** Cephalofoil has a scalloped pattern (repeated curves) across	**WINGHEAD** *Very* elongated. Relative to its size, it has he widest hammer of the group.
GREAT HAMMERHEAD A powerful, broad cephalofoil with a rectangular shape.	**SCOOPHEAD** A cephalofoil with a slightly wavy, curved front end.	**SMOOTH HAMMERHEAD** A wide cephalofoil with a smooth front end.
		
		

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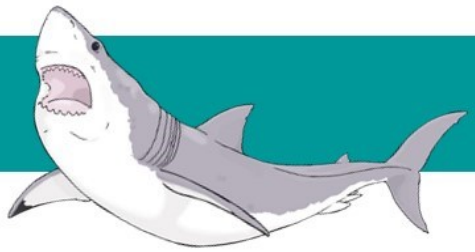
A. GREAT HAMMERHEAD B. WINGHEAD C. SCALLOPED HAMMERHEAD

D. BONNETHEAD E. SMOOTH HAMMERHEAD F. SCOOPHEAD

SHARK SEARCH



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

ANGEL
BASKING
BLUE
BULL
CATSHARK
GOBLIN
GREAT WHITE
GREENLAND
HAMMERHEAD
KITEFIN
LEMON
MAKO
MEGAMOUTH
OCEANIC
PORBEAGLE
SANDBAR
TIGER
WHALE
ZEBRA

SHARKS 4 KIDS.

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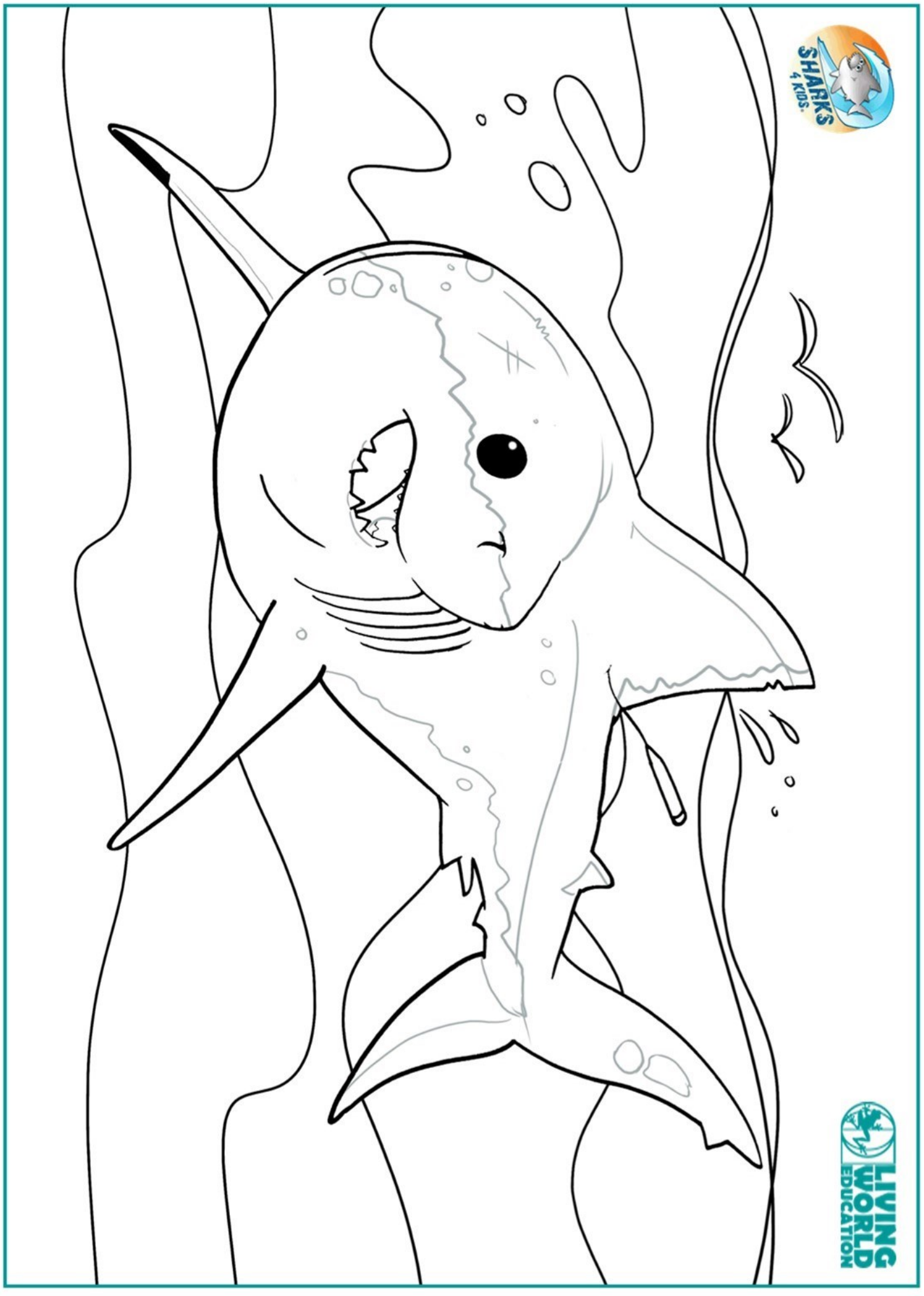
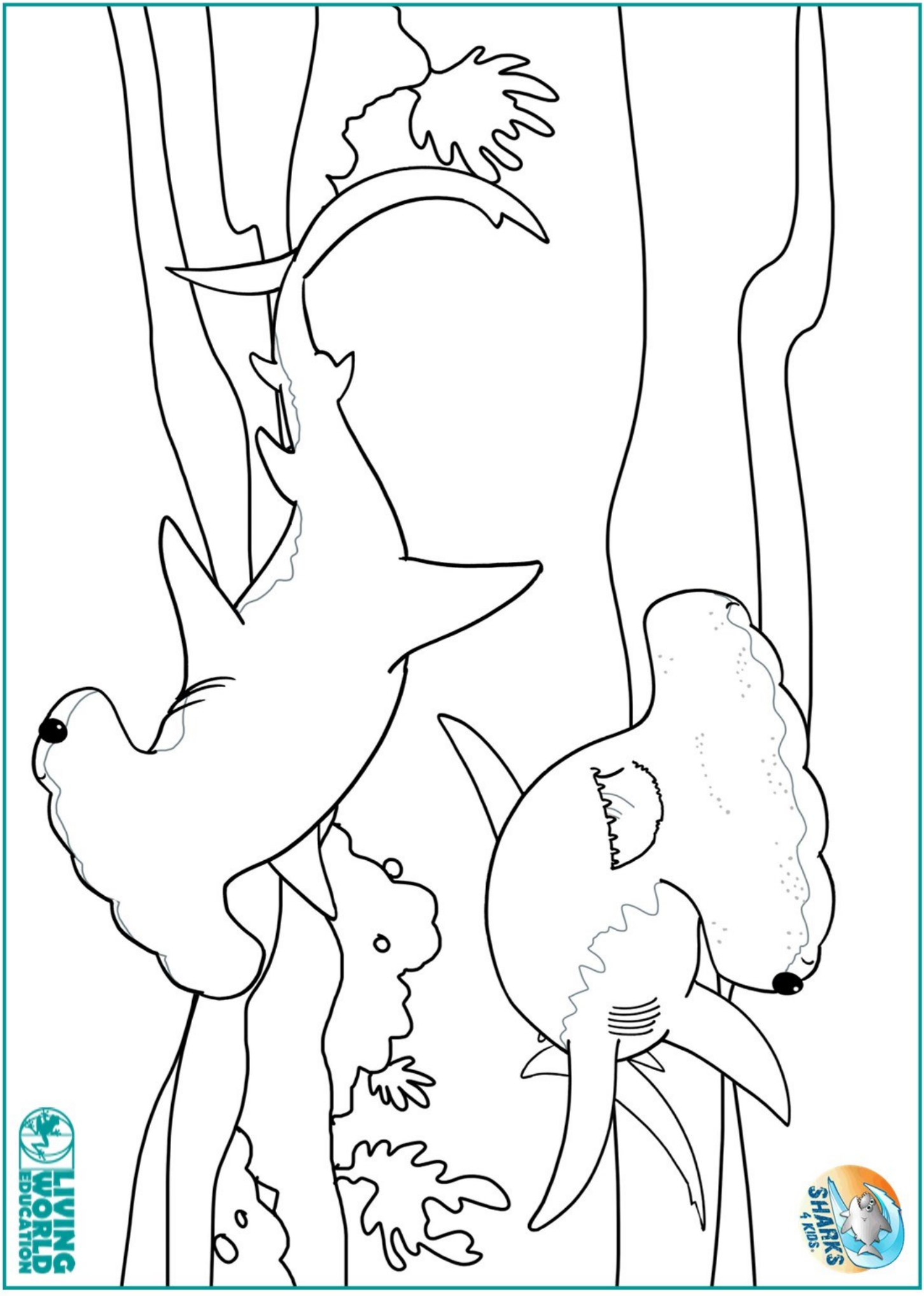
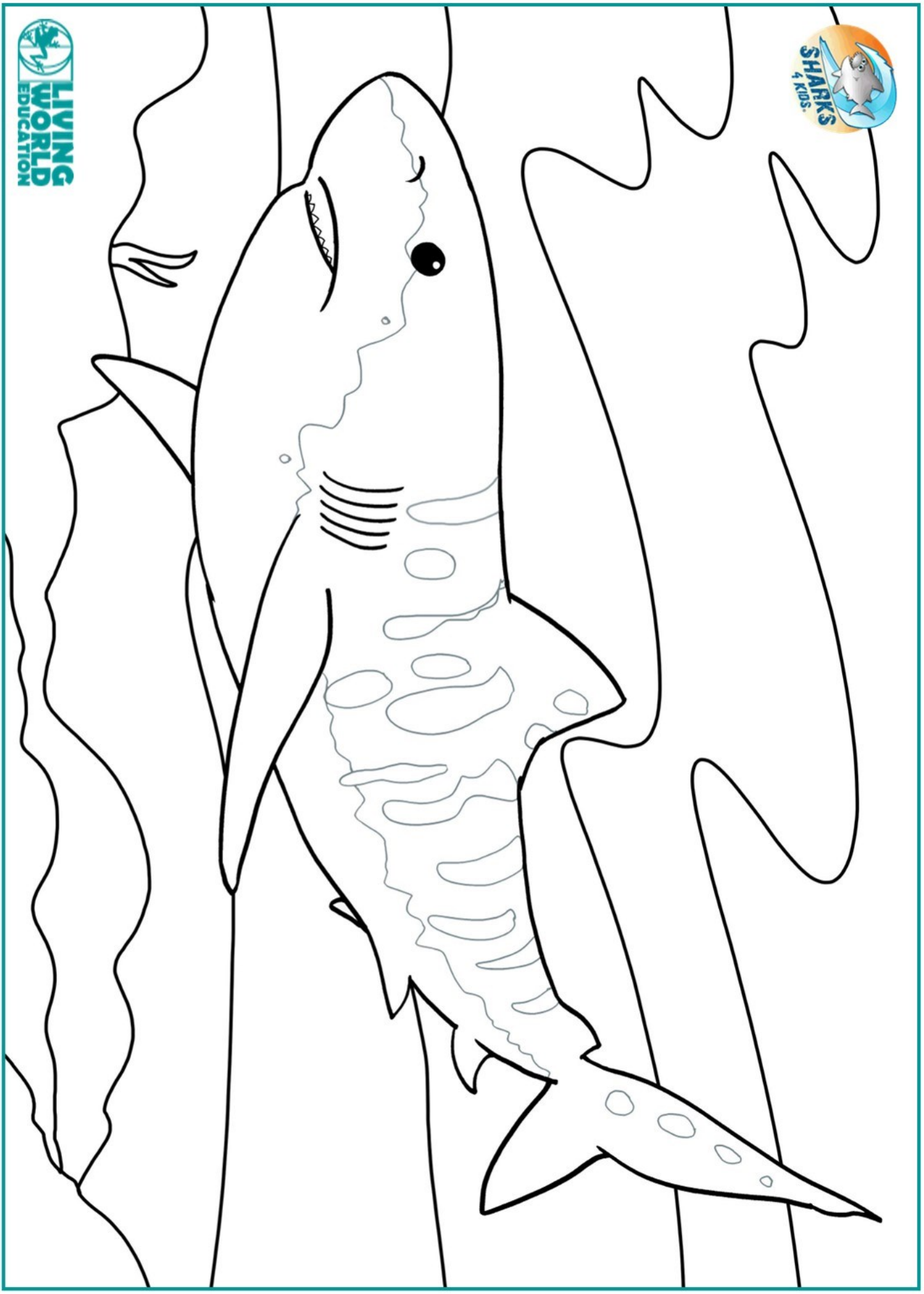


GREAT WHITE SHARK COLOURING



HAMMERHEAD COLOURING

THRESHER SHARKS COLOURING



TIGER SHARK COLOURING