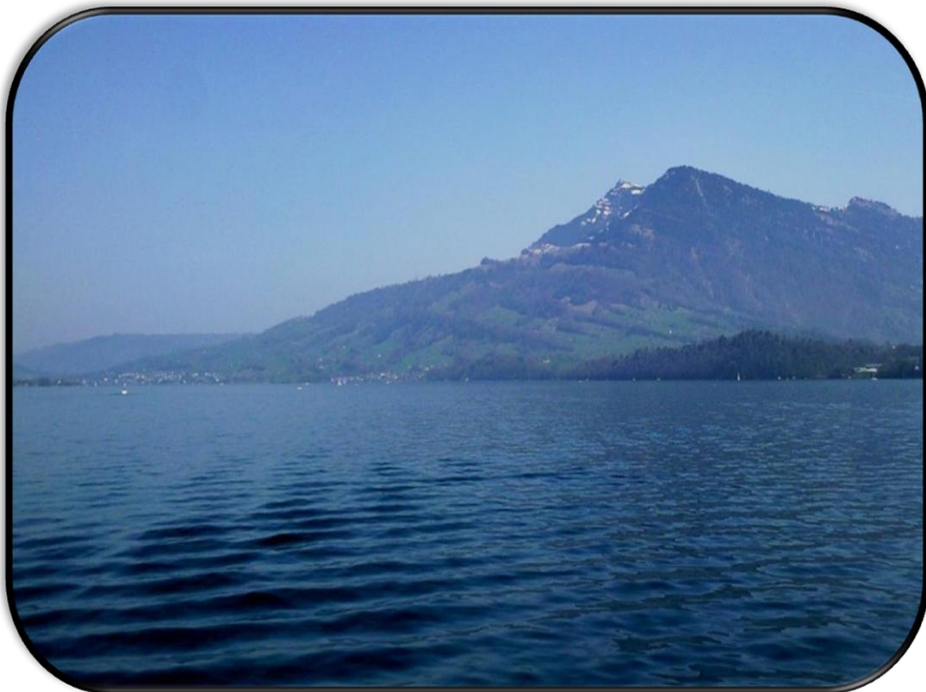




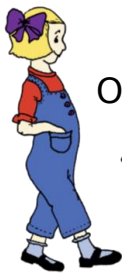
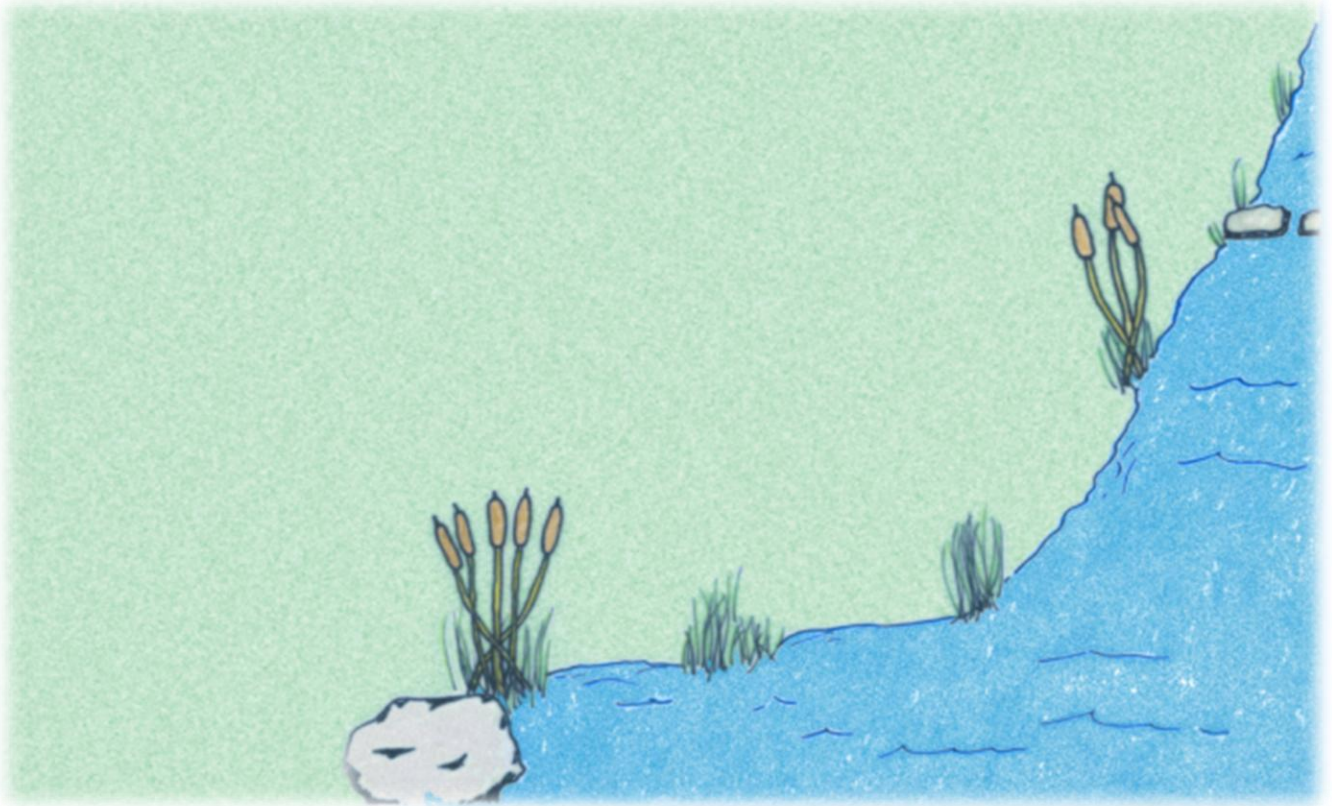
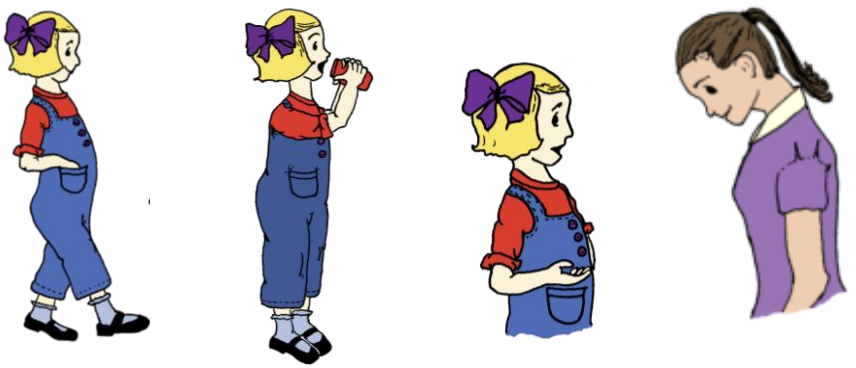
**E♦L♦I♦A♦S**

**Shannon Thomas, Suzanne Akerman,  
Petra Burmeister, Michael Ewig,  
Julia Kögler**

# Water



# Jane Story 1



One hot summer afternoon Jane went for a walk.

She walked for a very long time. She soon became very hot and very thirsty.



There was a small stream flowing beside her. The water looked so cool and good! But, could she go for a swim? Could she drink the water?

Jane remembered that she should ask a parent or an adult before she drinks from the stream or goes swimming.



Why should Jane ask someone before drinking the water?  
Why should Jane ask someone before she goes swimming?





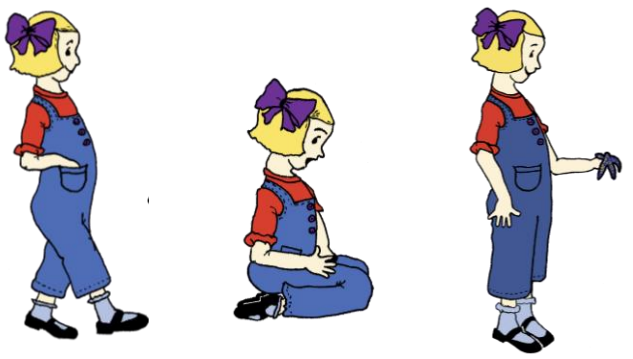
1



2

3

# Jane Story 2



Jane likes to walk along the beach. She likes the sand. She likes to watch the waves roll in.



One day, Jane saw something lying in the sand.

When she knelt down beside it, she saw that it was a starfish.

Jane knows that starfish live in salt water. She wanted to put the starfish back in the water. But, Jane couldn't remember if the ocean was salt or fresh water.



How can she figure out if the ocean is salt water? Of course she could smell or look at the water. But what if Jane still can't decide which kind of water it is?

Let's try the Conductivity Test!

BUTTERFLY FISH



3

LIONFISH



4



5

TRIGGER FISH



6

BARRACUDA

5

ANGLERFISH



7

ELECTRIC RAY



8



9

PIPE FISH



6

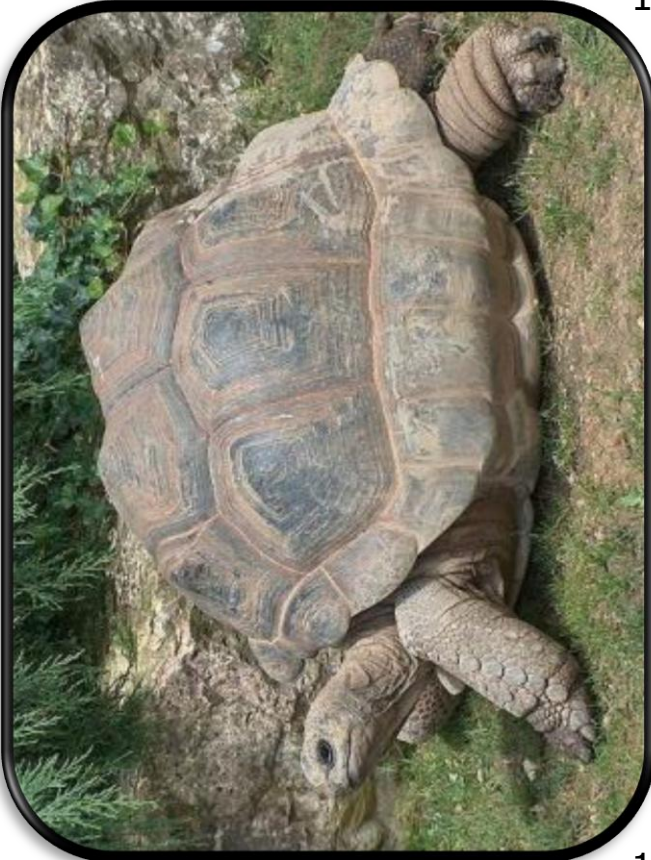
OCEAN SUNFISH

10

TUNA



11



12

TORTIOSE



13

TURTLE

# What can a turtle do?

by Shannon Thomas and Suzanne Akerman

The little turtle pushed its way out of its egg. The turtle pushed and pushed until it was very tired.

Once out of the egg, the turtle lay very still beside the broken egg. It looked up at the cloudy sky. It looked behind at the green tree. It looked ahead at the blue water.

Soon, the turtle was ready to go; but, go where?

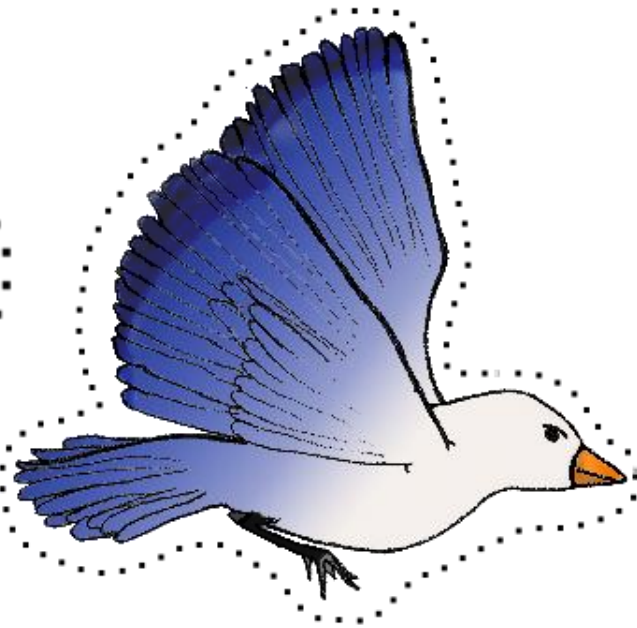
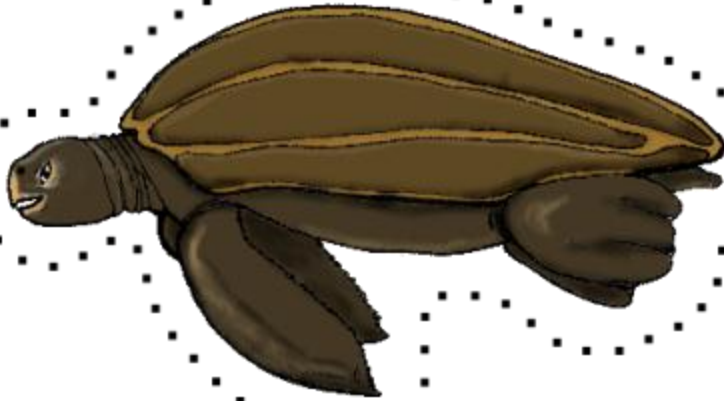
Again, the turtle looked up at the sky and saw a bird flying. The bird was very high. The bird flew under the clouds. The bird was made to fly. But, was the turtle supposed to fly as well?

The little turtle looked behind at the green tree. It saw a chipmunk climbing the tree. The chipmunk climbed from branch to branch. The chipmunk was made to climb the tree. But, was the turtle supposed to climb as well?

Gently, the water splashed in front of the little turtle. Turning its head, the turtle looked at the cool, blue water.

A bird can fly. A chipmunk can climb. Could a turtle swim?

The little turtle crawled forwards. The water gently washed over the turtle. Kicking its legs hard the turtle splashed around in the water. Quickly learning how to move its legs, the turtle began to swim out into deeper water. Yes, turtles can swim!

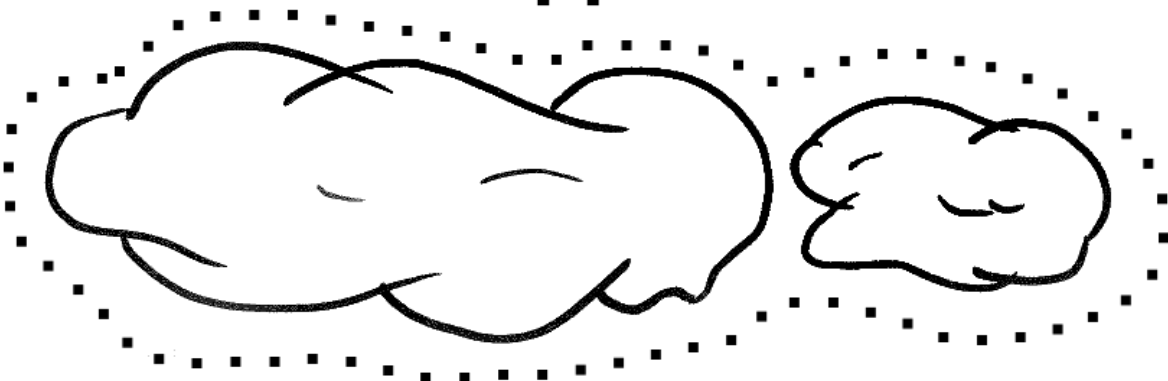
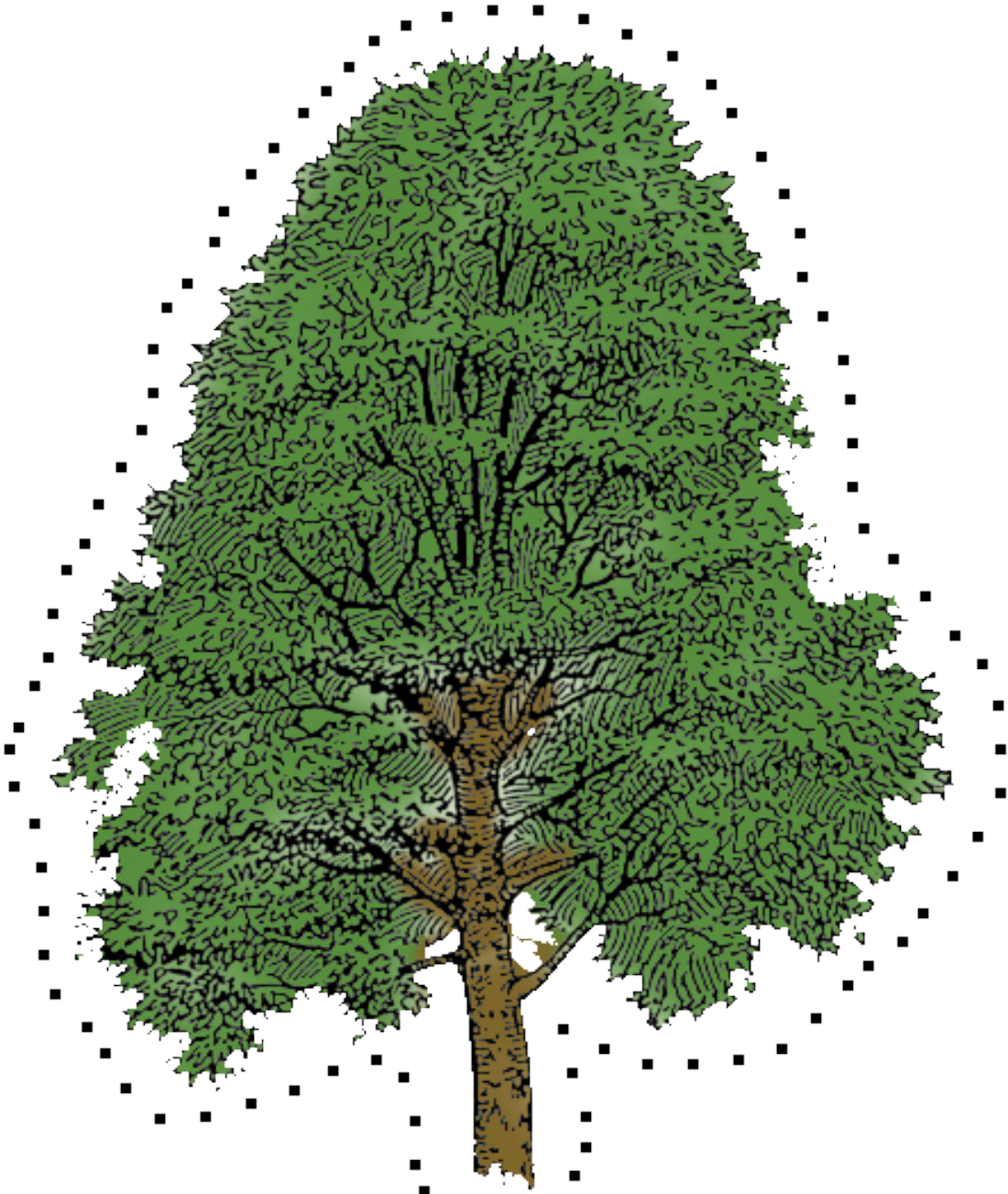


Cut out the pictures on this and the following 2 pages. Attach each picture to a popsicle stick.



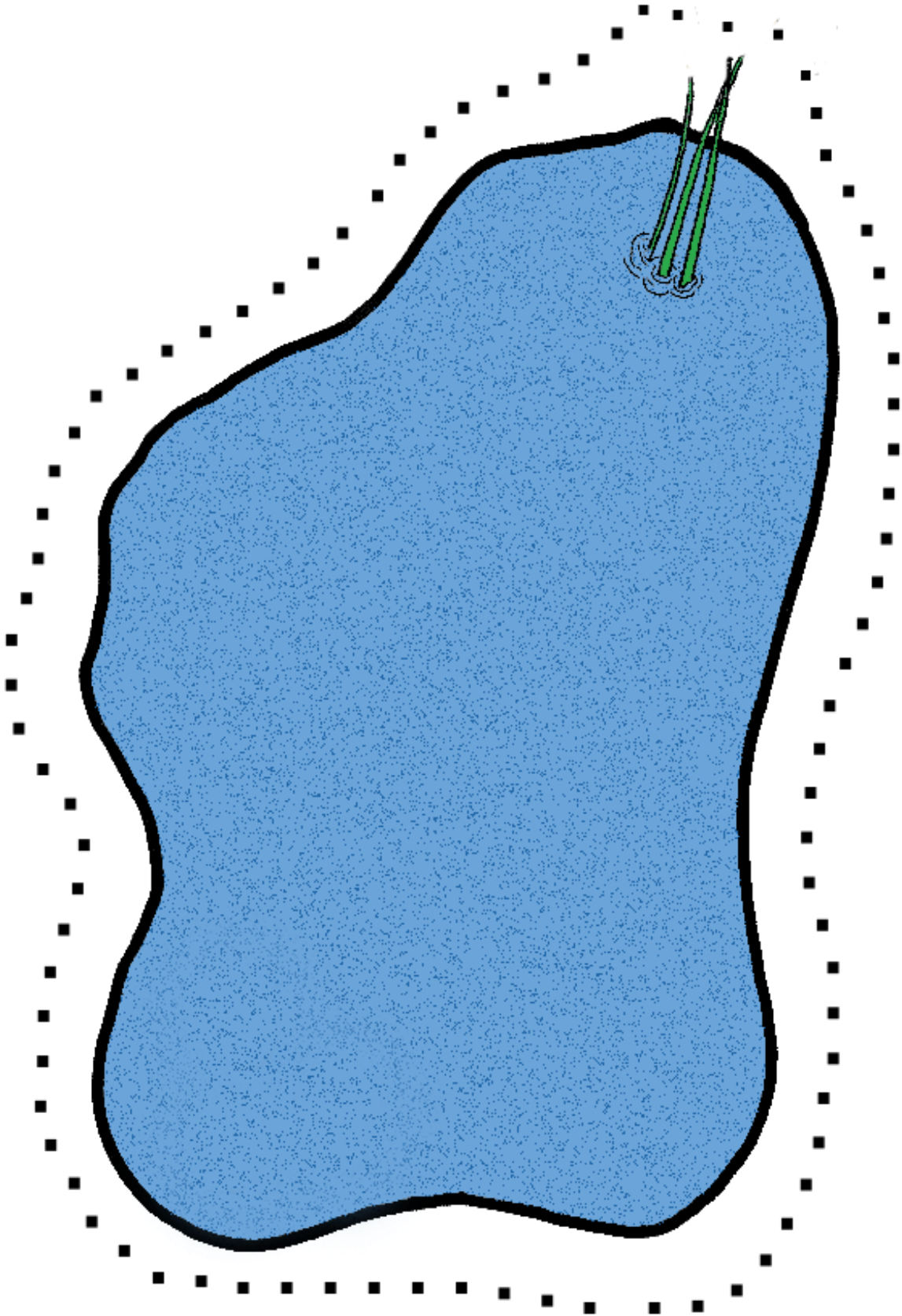
# What can a turtle do?

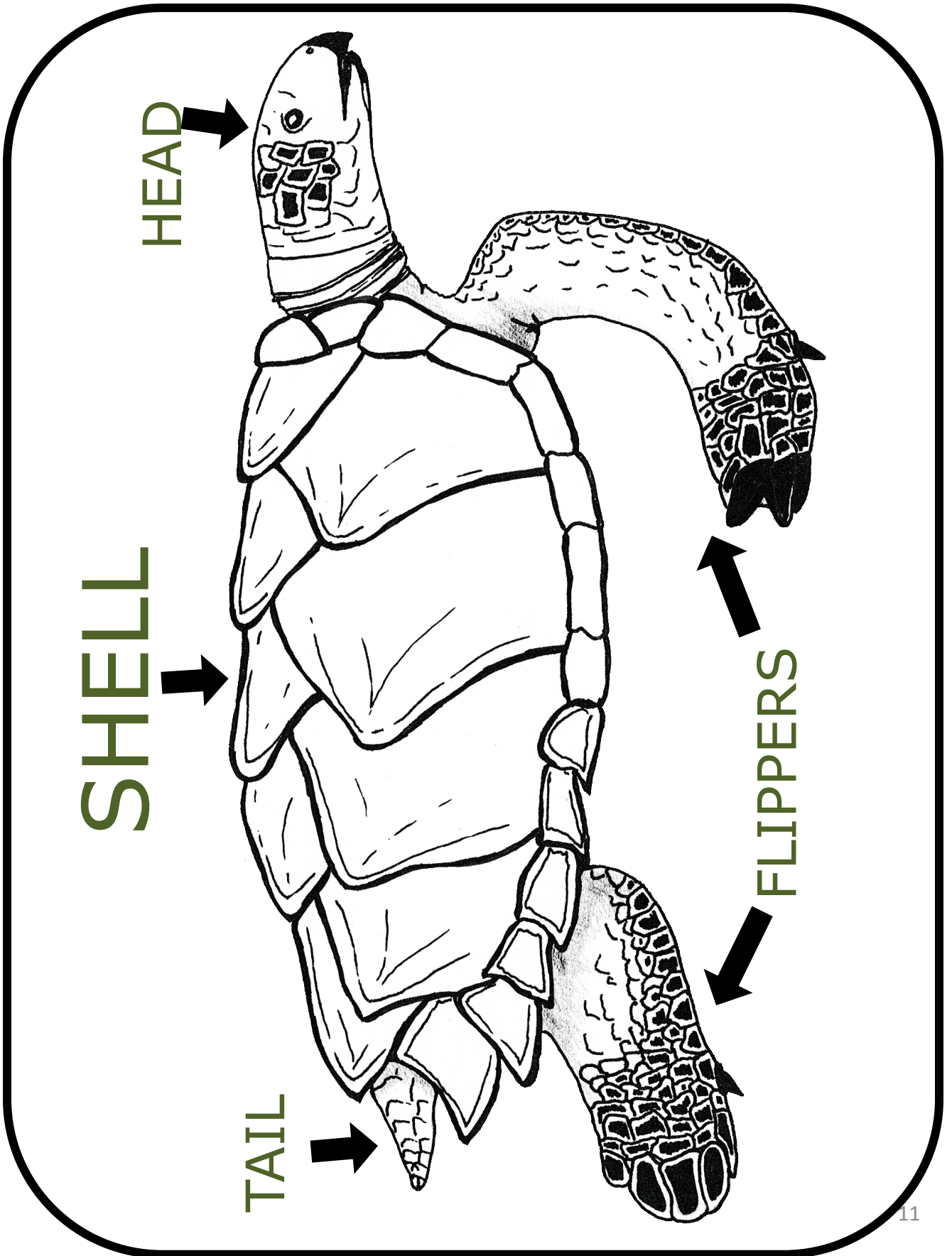
by Shannon Thomas and Suzanne Akerman

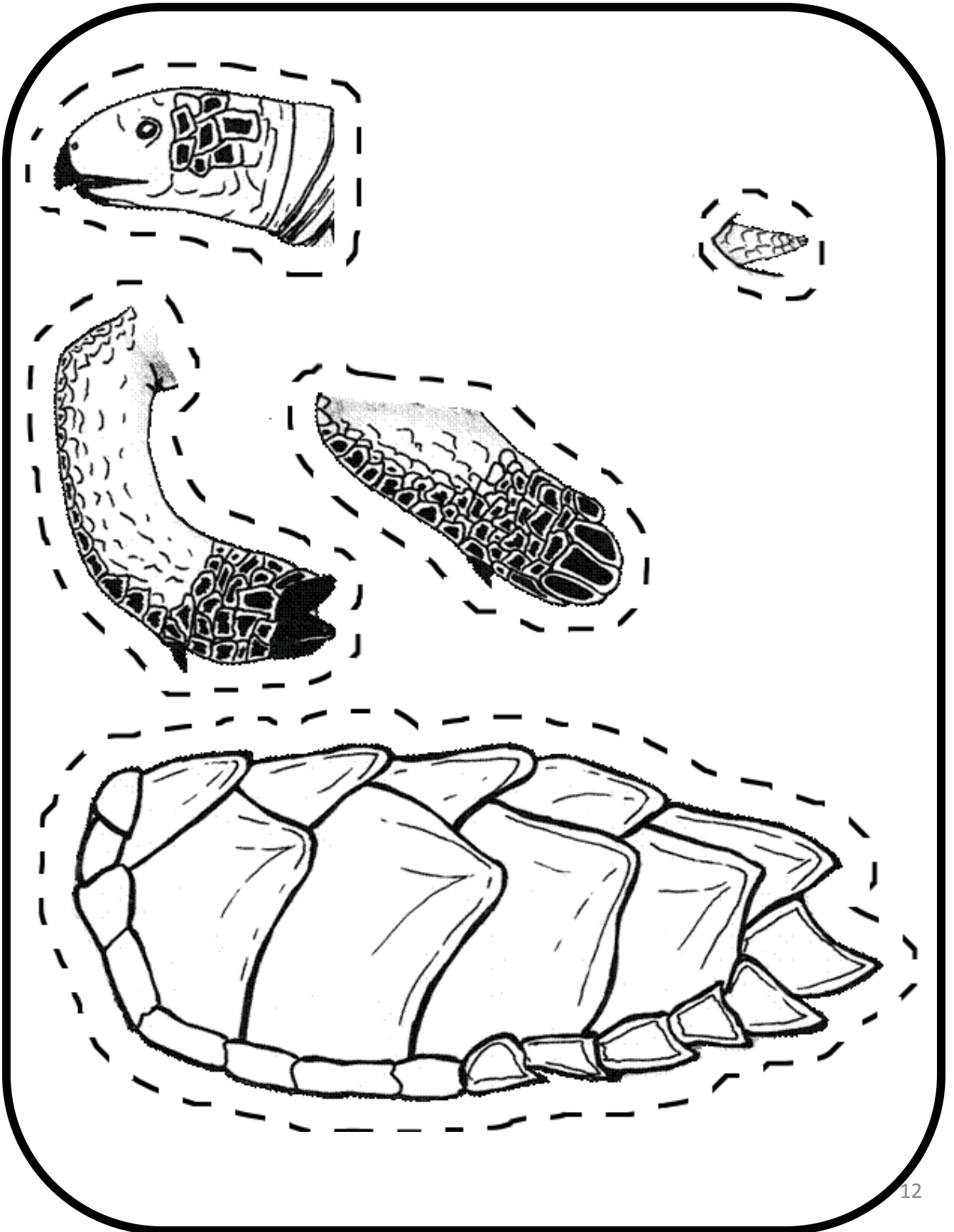


# What *can* a turtle do?

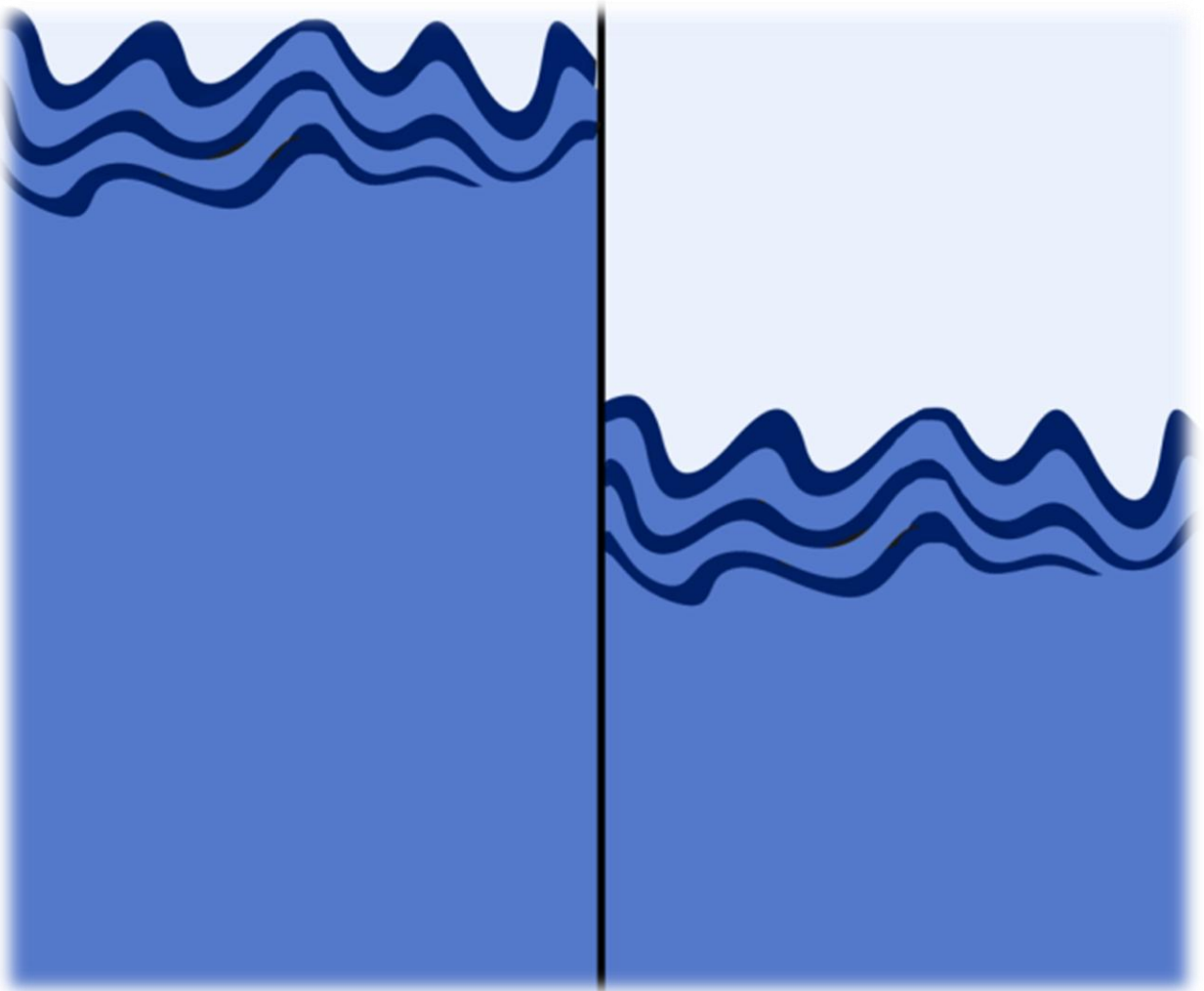
by Shannon Thomas and Suzanne Akerman





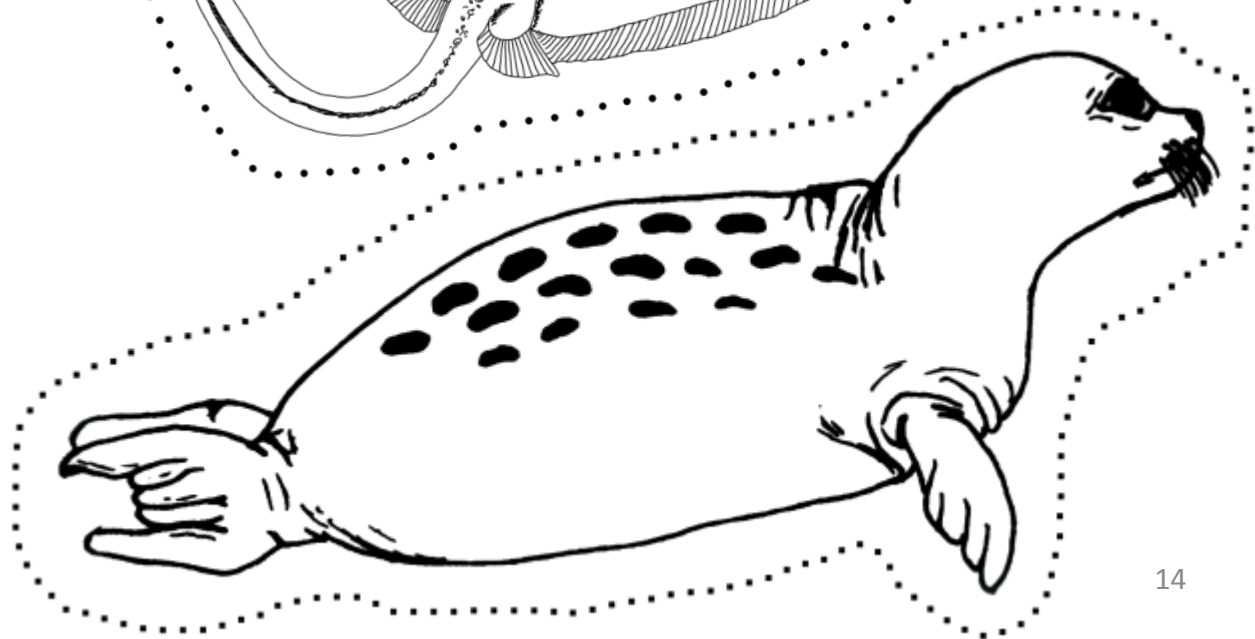
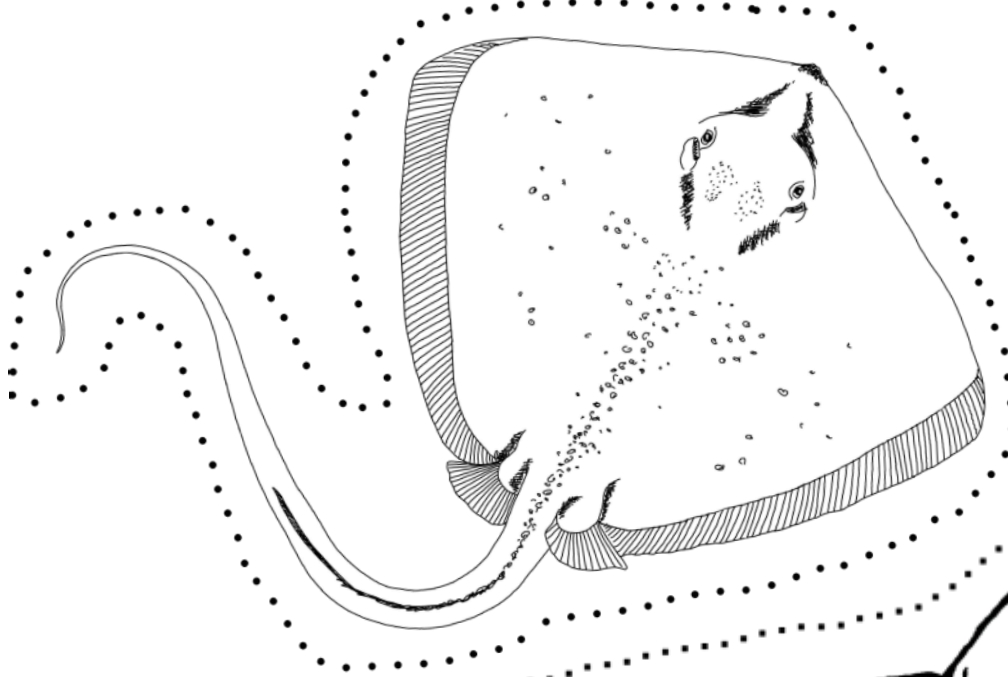
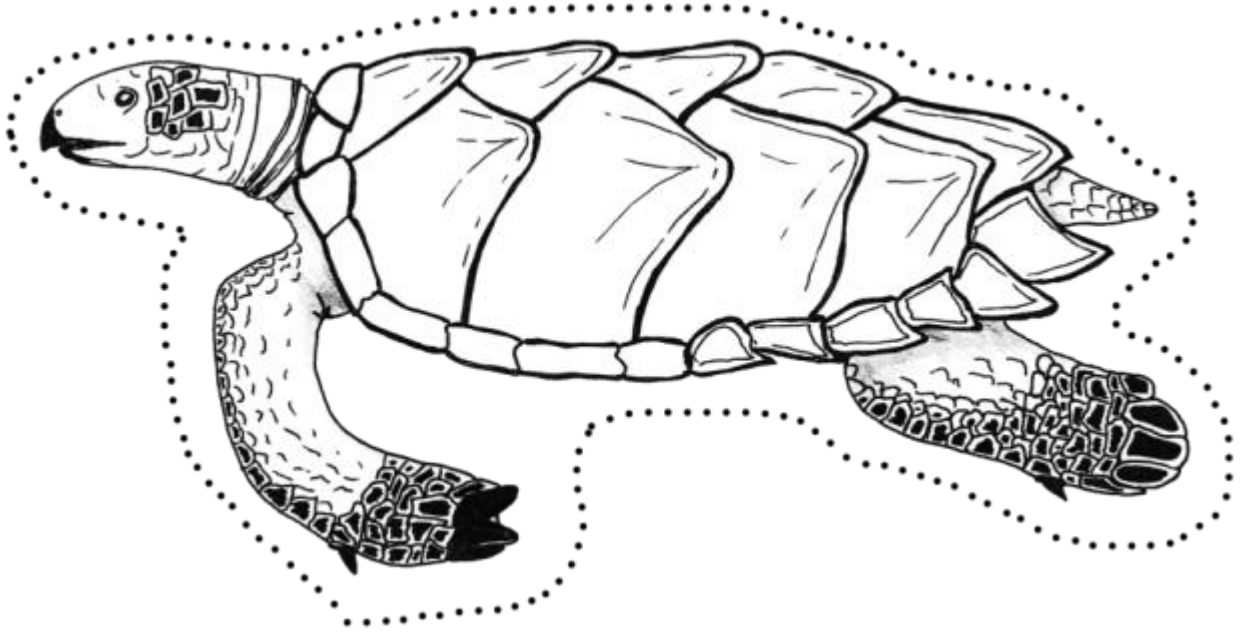


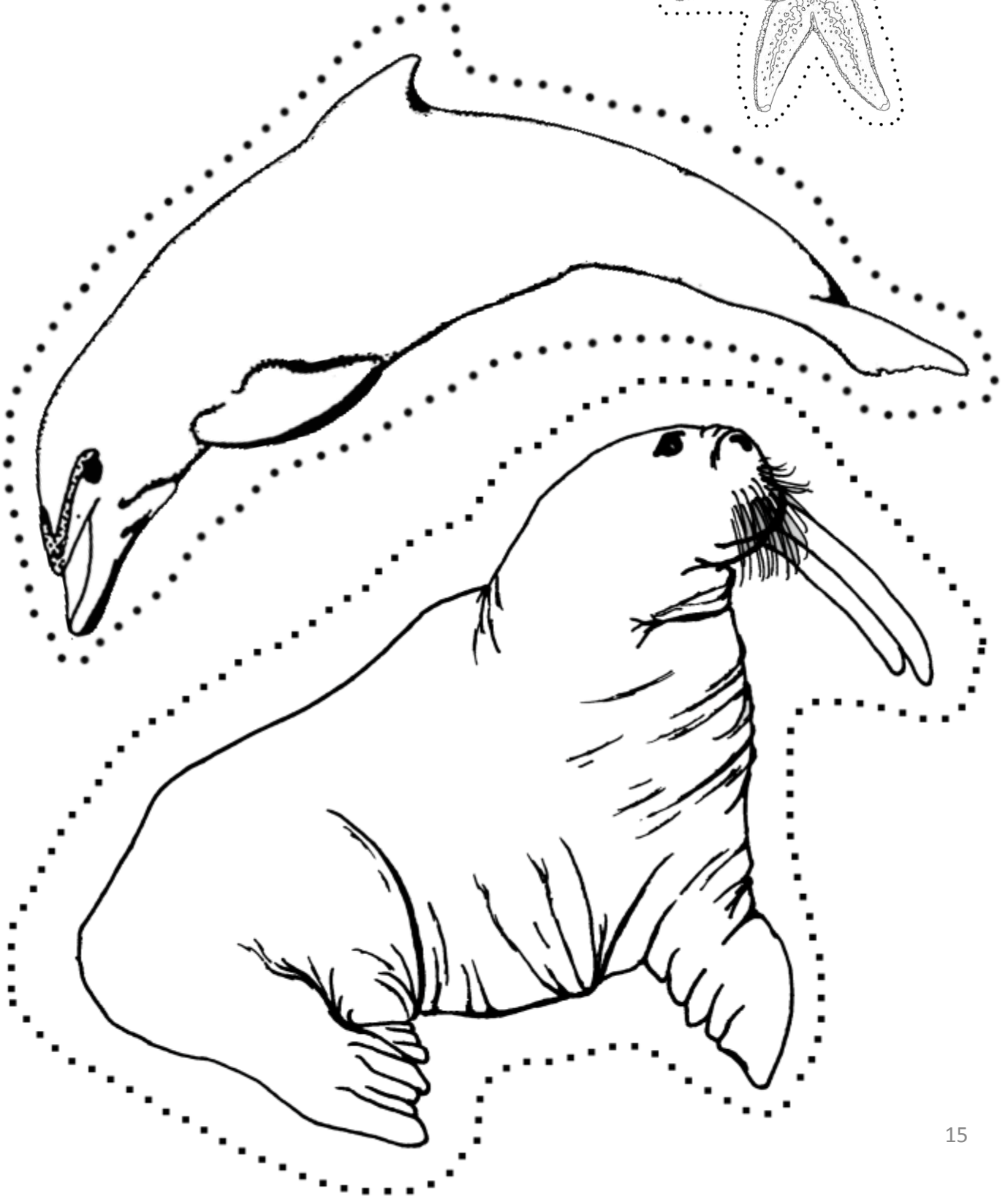
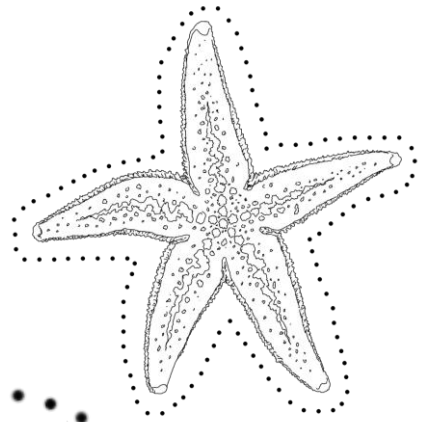
# Breathing Categories: background 1

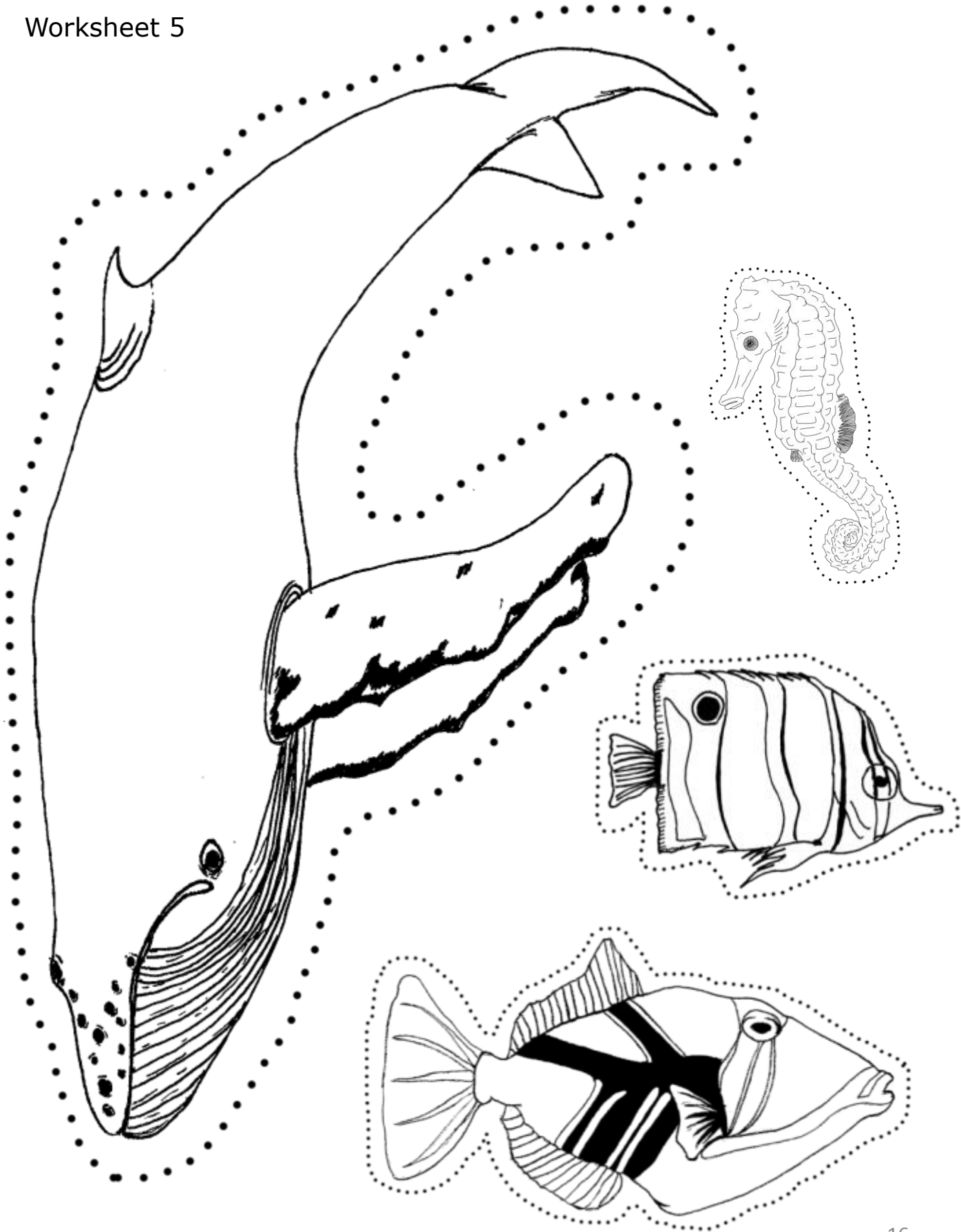


Please adjust to desired size.

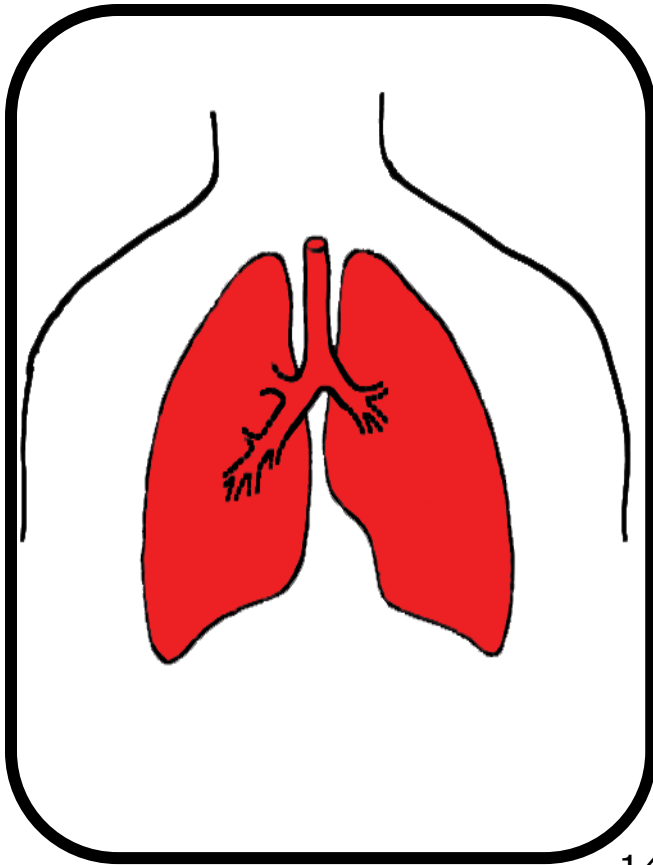




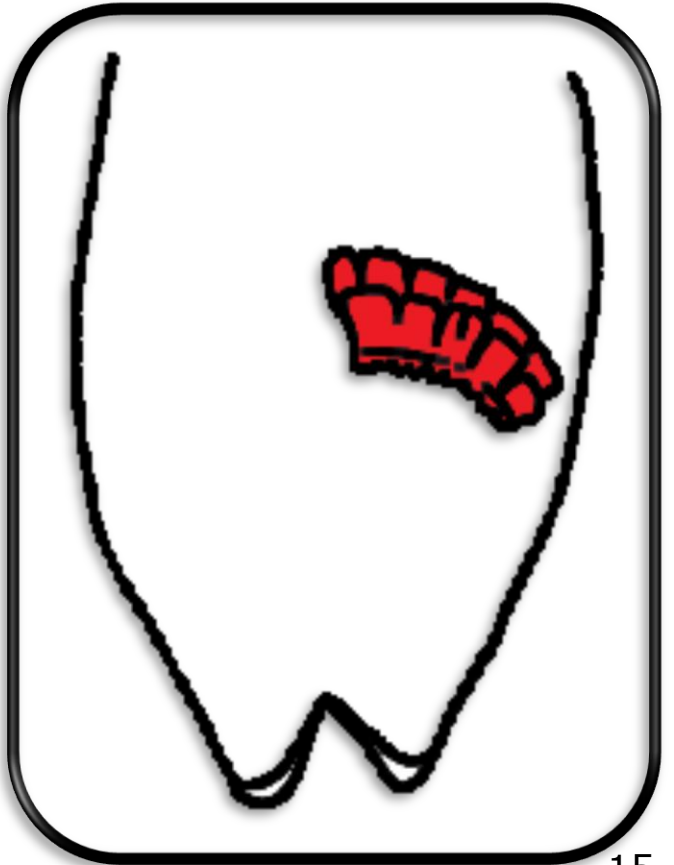




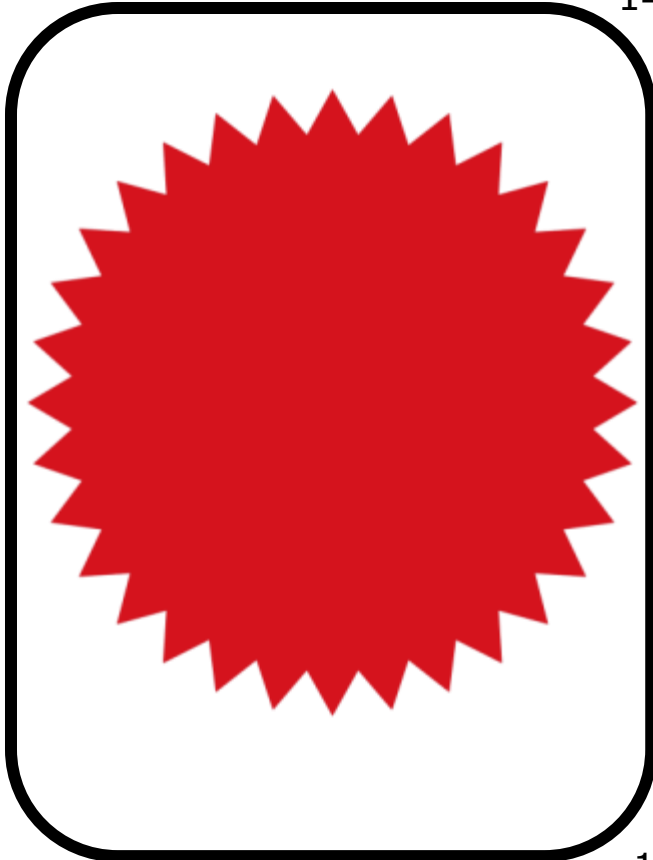




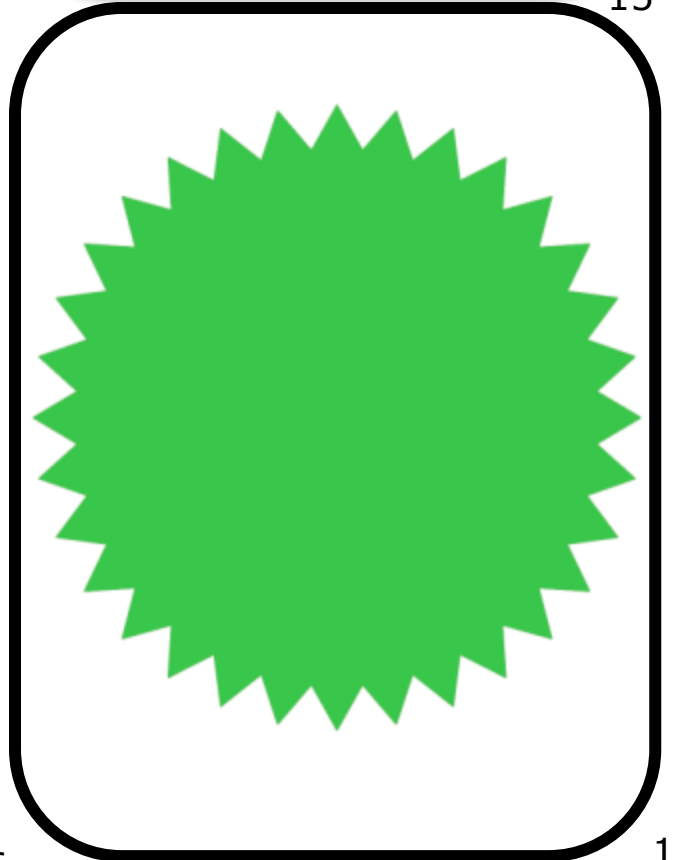
14



15



16



17

# zoo visit breathing questions

First animal:  
HOW DOES IT BREATHE? (*older children*)  
TO WHICH COLUMN DOES IT BELONG?  
(*younger children*)

Second animal:  
HOW DOES IT BREATHE? (*older children*)  
TO WHICH COLUMN DOES IT BELONG?  
(*younger children*)

Third animal:  
HOW DOES IT BREATHE? (*older children*)  
TO WHICH COLUMN DOES IT BELONG?  
(*younger children*)

Fourth animal:  
HOW DOES IT BREATHE? (*older children*)  
TO WHICH COLUMN DOES IT BELONG?  
(*younger children*)

Fifth animal:  
HOW DOES IT BREATHE? (*older children*)  
TO WHICH COLUMN DOES IT BELONG?  
(*younger children*)

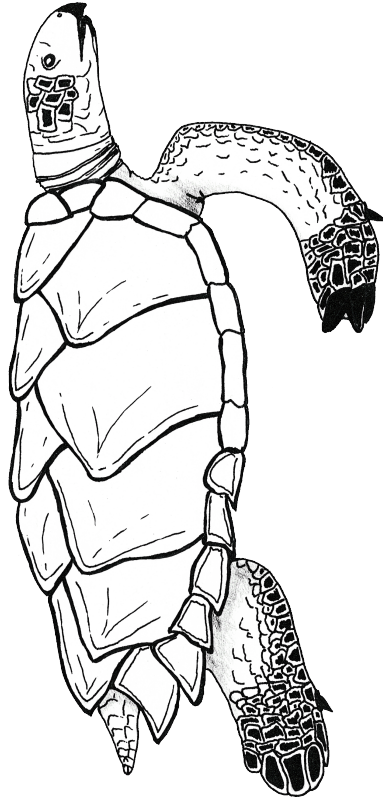
## zoo visit questions

IT IS VERY BIG.  
IT HAS A TAIL.  
IT HAS A VERY BIG MOUTH.  
WHAT ANIMAL IS IT?



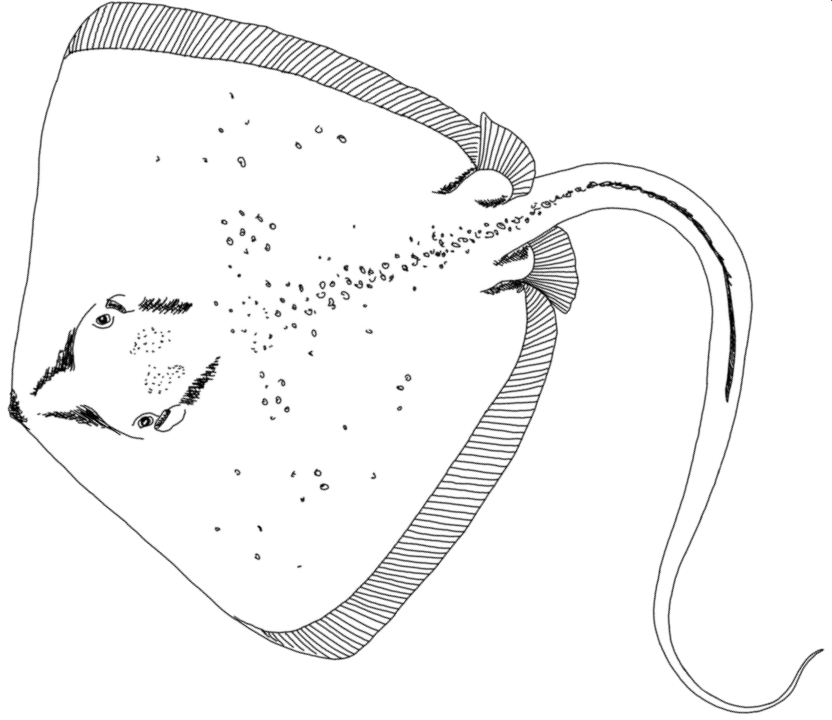
## ZOO VISIT QUESTIONS

IT LAYS EGGS.  
IT HAS YELLOW AND BROWN ON IT.  
IT HAS A SHELL.  
WHAT ANIMAL IS IT?



## ZOO VISIT QUESTIONS

IT IS LONG.  
IT HAS A TAIL.  
IT IS FLAT.  
WHAT ANIMAL IS IT?



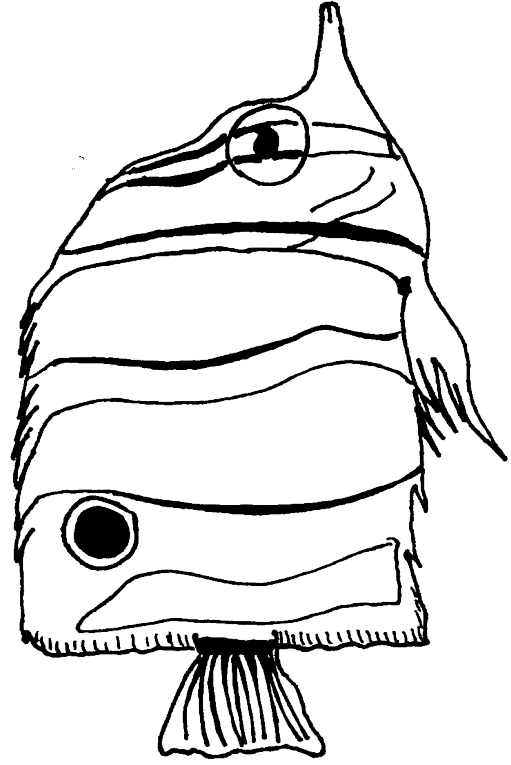
## ZOO VISIT QUESTIONS

IT IS BIG.  
IT LIKES TO SWIM.  
IT HAS 2 BIG TEETH CALLED TUSKS.  
WHAT ANIMAL IS IT?



## ZOO VISIT QUESTIONS

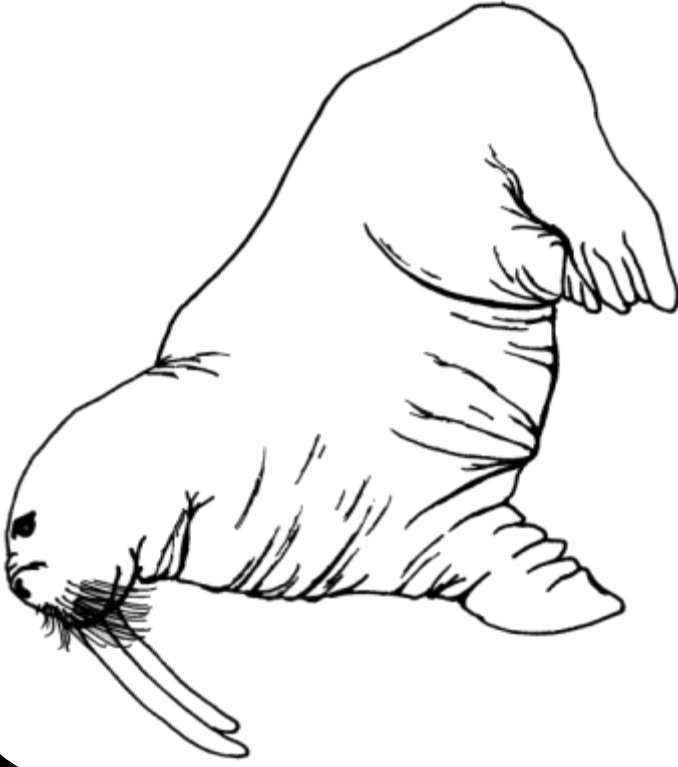
IT IS SMALL.  
IT EATS PLANTS AND ANIMALS.  
IT HAS ORANGE STRIPES.  
WHAT ANIMAL IS IT?





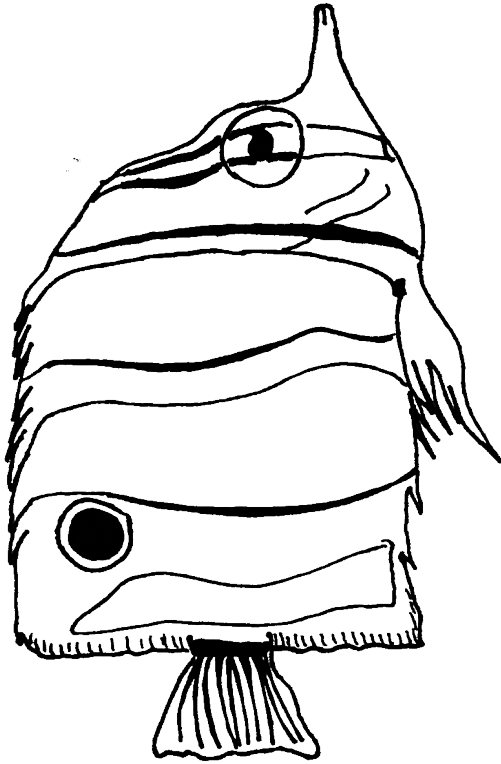
## park visit questions

- 1) WHAT IT IS? (both groups)  
HOW DOES IT BREATHE? (older children)  
TO WHICH COLUMN DOES IT BELONG?  
(younger children)



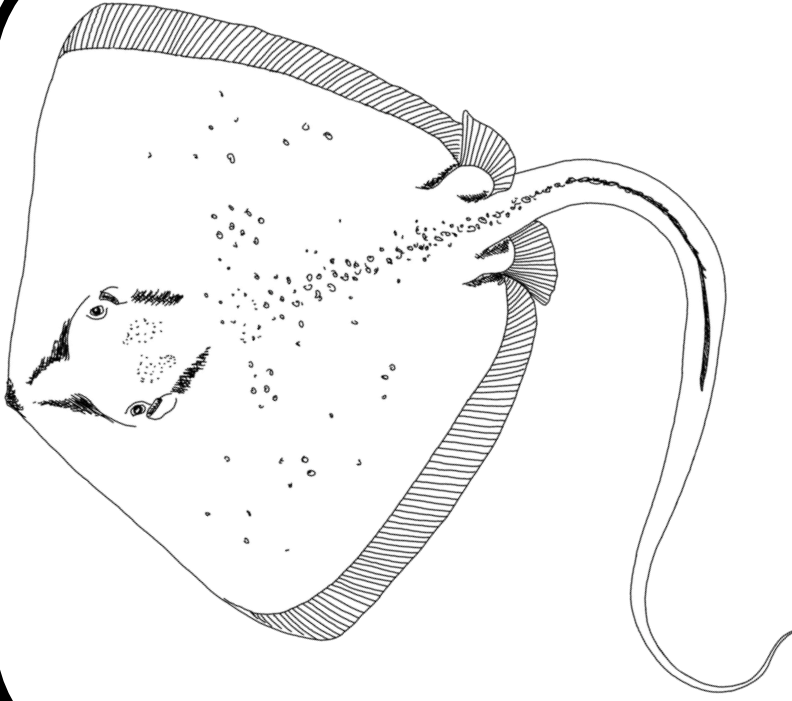
## park visit questions

- 1) WHAT IT IS? (both groups)  
HOW DOES IT BREATHE? (older children)  
TO WHICH COLUMN DOES IT BELONG?  
(younger children)



park visit questions

- 1) WHAT IT IS? (both groups)  
HOW DOES IT BREATHE?(older children)  
TO WHICH COLUMN DOES IT BELONG?  
(younger children)



park visit questions

- 1) WHAT IT IS? (both groups)  
HOW DOES IT BREATHE?(older children)  
TO WHICH COLUMN DOES IT BELONG?  
(younger children)

## Graphics References:

The creator of this module would like to thank the following people for their contribution of photos and drawings:

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- Picture 1** Carlb. *Carlb-newfoundland-iceberg-2002.jpg*. September 2005. Iceberg. *Wikimedia Commons*. 23 Jan 2009. <  
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- Picture 9** Childs, Steve. *Ornate Ghost Pipefish 2.jpg*. June 2008. Pipe fish. *Wikimedia Commons*. 23 Jan 2009.  
<[http://commons.wikimedia.org/wiki/File:Ornate\\_Ghost\\_Pipefish\\_2.jpg](http://commons.wikimedia.org/wiki/File:Ornate_Ghost_Pipefish_2.jpg)>
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- Pg. 13 (ray), pg 14 (starfish), pg 15 (seahorse), pg 18 (ray), pg 21 (ray)** Hallmann, Maika. *Various Drawings*. July 2010.
- Picture 6** Laban712. *Barracuda laban.jpg*. 2003. Barracuda. *Wikimedia Commons*. 23 Jan 2009. <[http://commons.wikimedia.org/wiki/File:Barracuda\\_laban.jpg](http://commons.wikimedia.org/wiki/File:Barracuda_laban.jpg)>
- Picture 4** Lepidlizard. *Lion Fish Rensai Park Aquarium, Tokyo.jpg*. November 2008. Lionfish. *Wikimedia Commons*. 23 Jan 2009.  
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- Jane Story 2 (tree), Worksheet 4 (dolphin), Picture 14** Pearson Scott Foresman. Various Media. November 2007. Media in category PD-ScottForesman. *Wikimedia Commons*. Web. 23 Jan. 2009.  
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- Jane Story 1 & 2, Picture 2, Pages 7-18 (excluding: sting ray, starfish, dolphin, seahorse 14, 16, 17)** Thomas, Shannon. Various Media. 2010.
- Picture 7** Unknown. *Anglerfish\_600.jpg*. 2005. Anglerfish. *Wikimedia Commons*. 23 Jan 2009.  
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- Picture 10** Unknown. *Mola mola.jpg*. n.d. Sunfish. *Wikimedia Commons*. 23 Jan 2009.  
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- Picture 11** Unknown. *Tuna.jpg*. n.d. Tuna. *Wikimedia Commons*. 23 Jan 2009.  
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**[www.elias.bilikita.org](http://www.elias.bilikita.org)**



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