

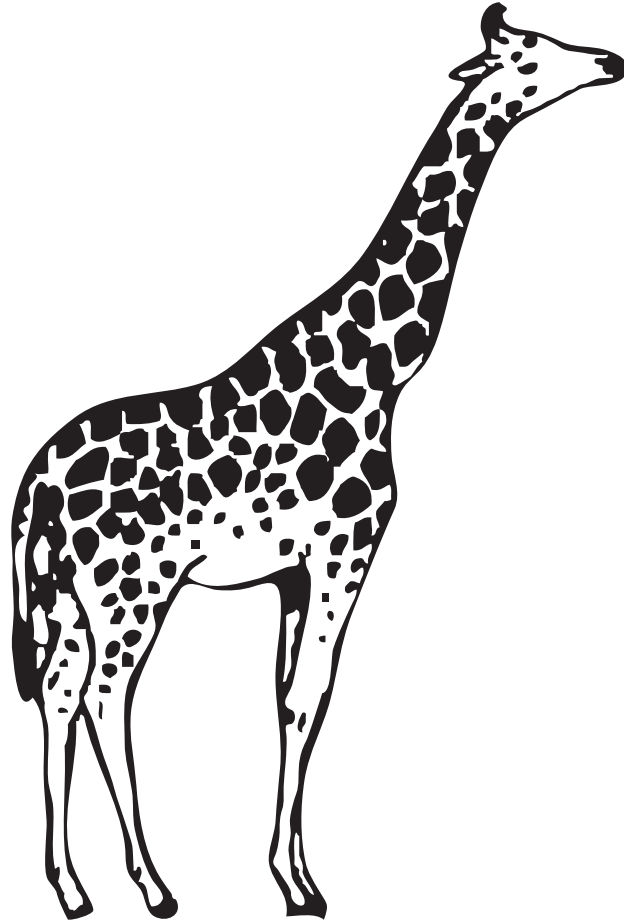
Biology

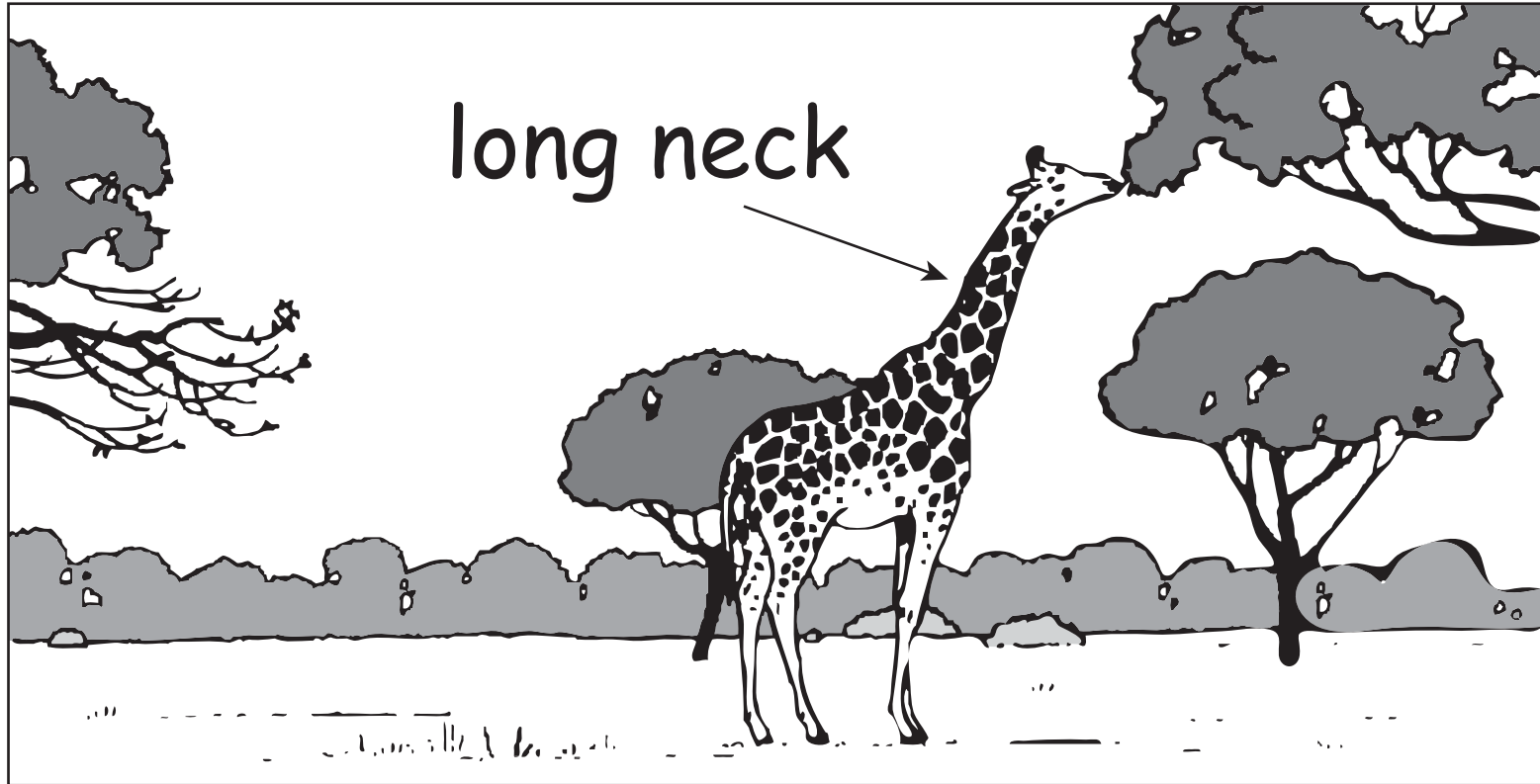
STAAR Alternate 2

Administered April 2016

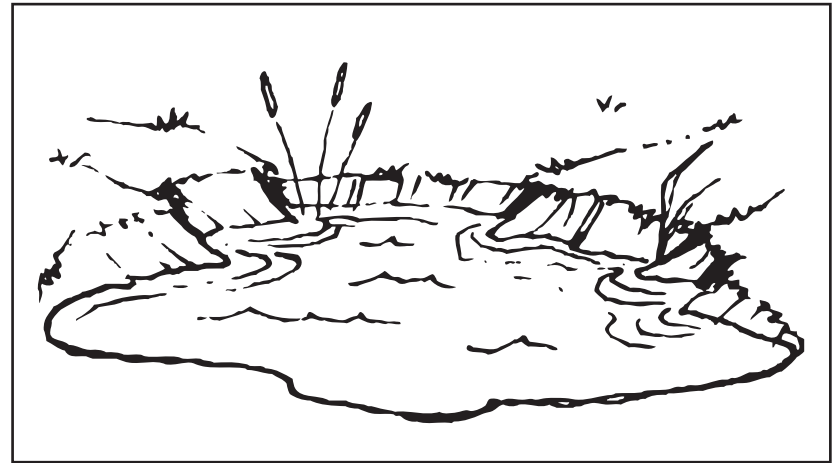
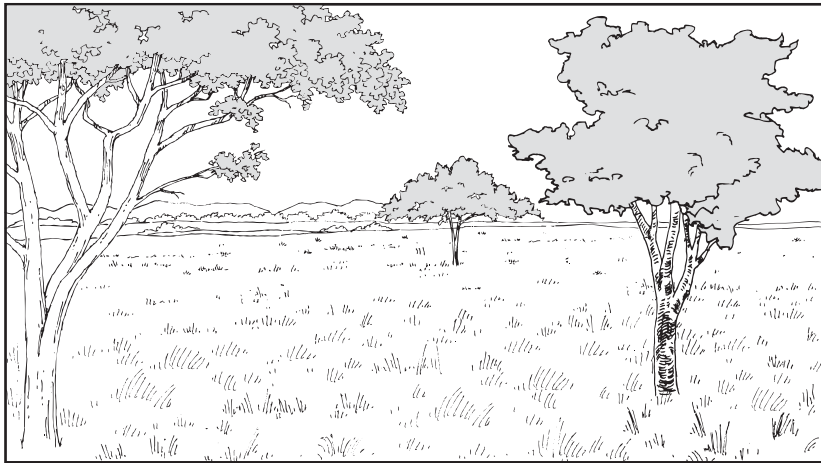
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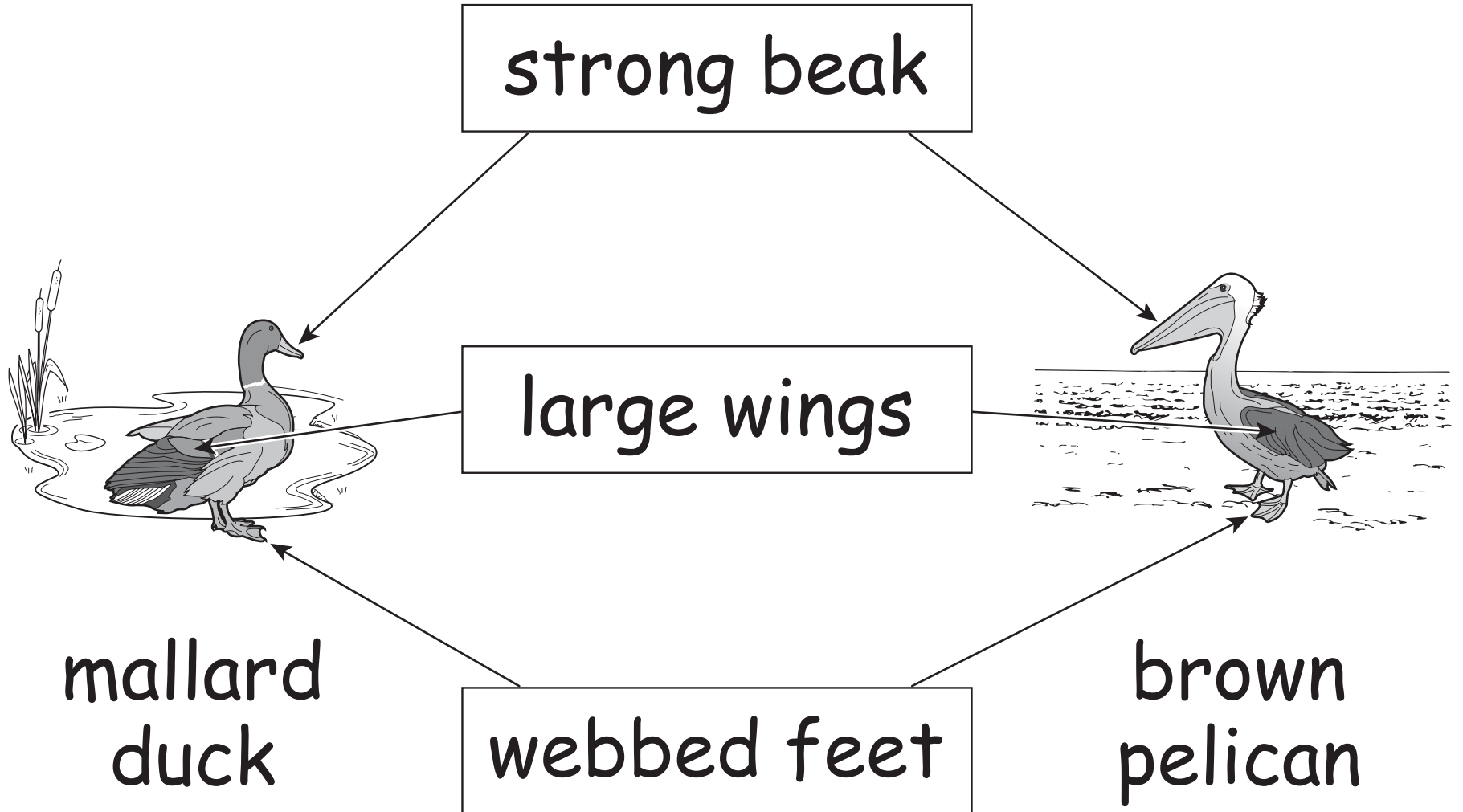
BIOLOGY



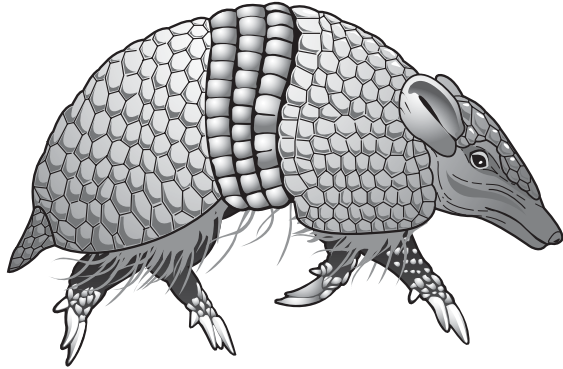


2b





Three-banded Armadillo



The three-banded armadillo has a thick bony plate that covers most of its body.

Striped Skunk



The striped skunk has special glands that can produce a bad odor.

help them when they move through rough terrain

help protect them from predators

help them find a mate

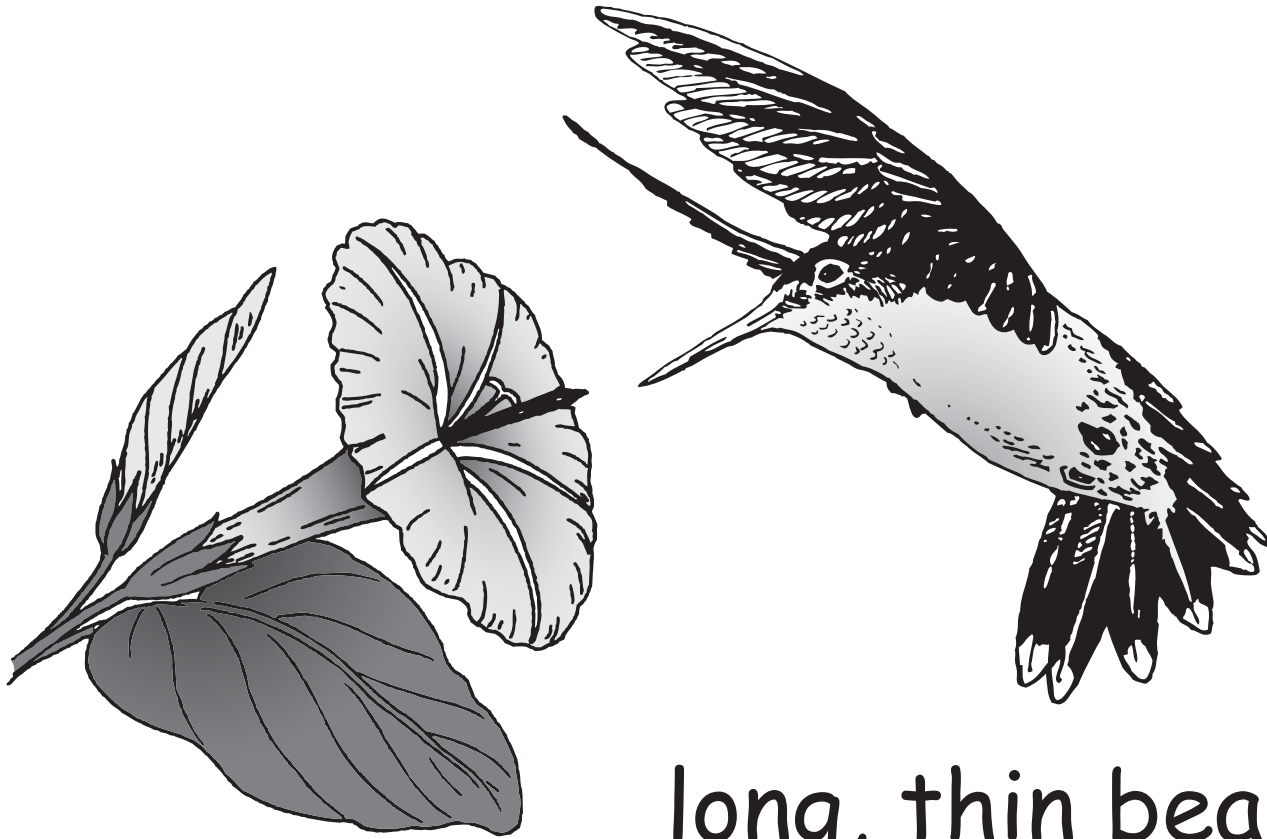
Hummingbird

strong wings

small body

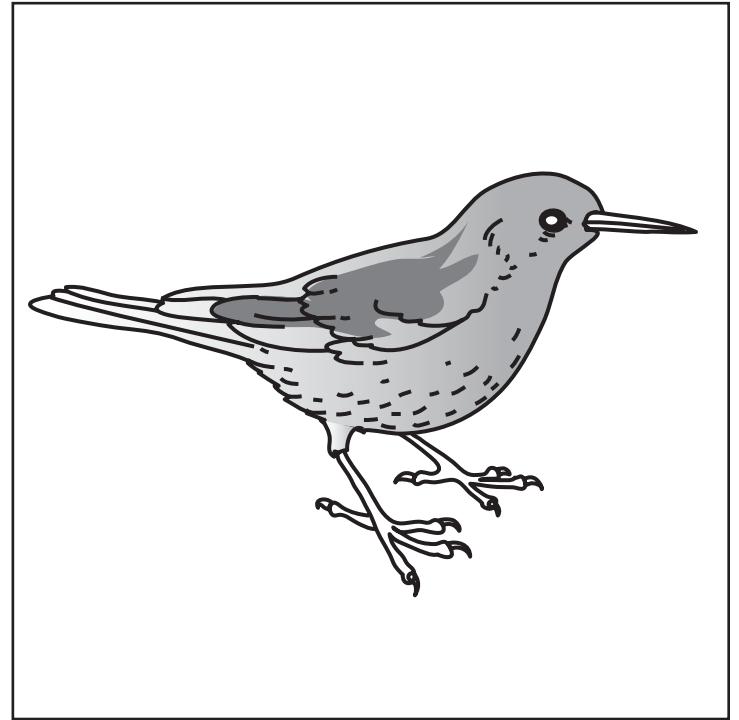
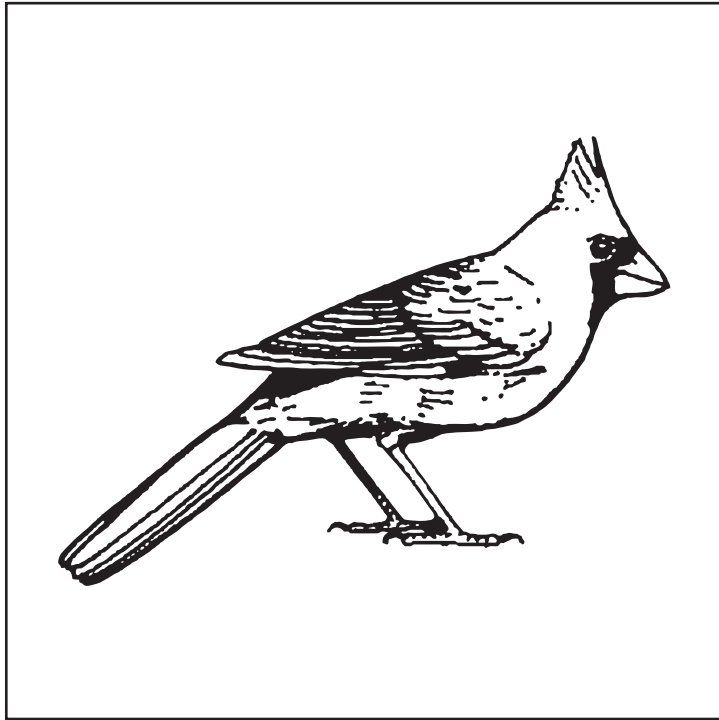


long, thin beak



long, thin beak

6b



7a



fangs

to drink
water
from a
pond

to gather
materials
to make a
shelter

to tear
meat into
smaller
pieces

8a



© woojpn/iStock/Thinkstock

spider monkey



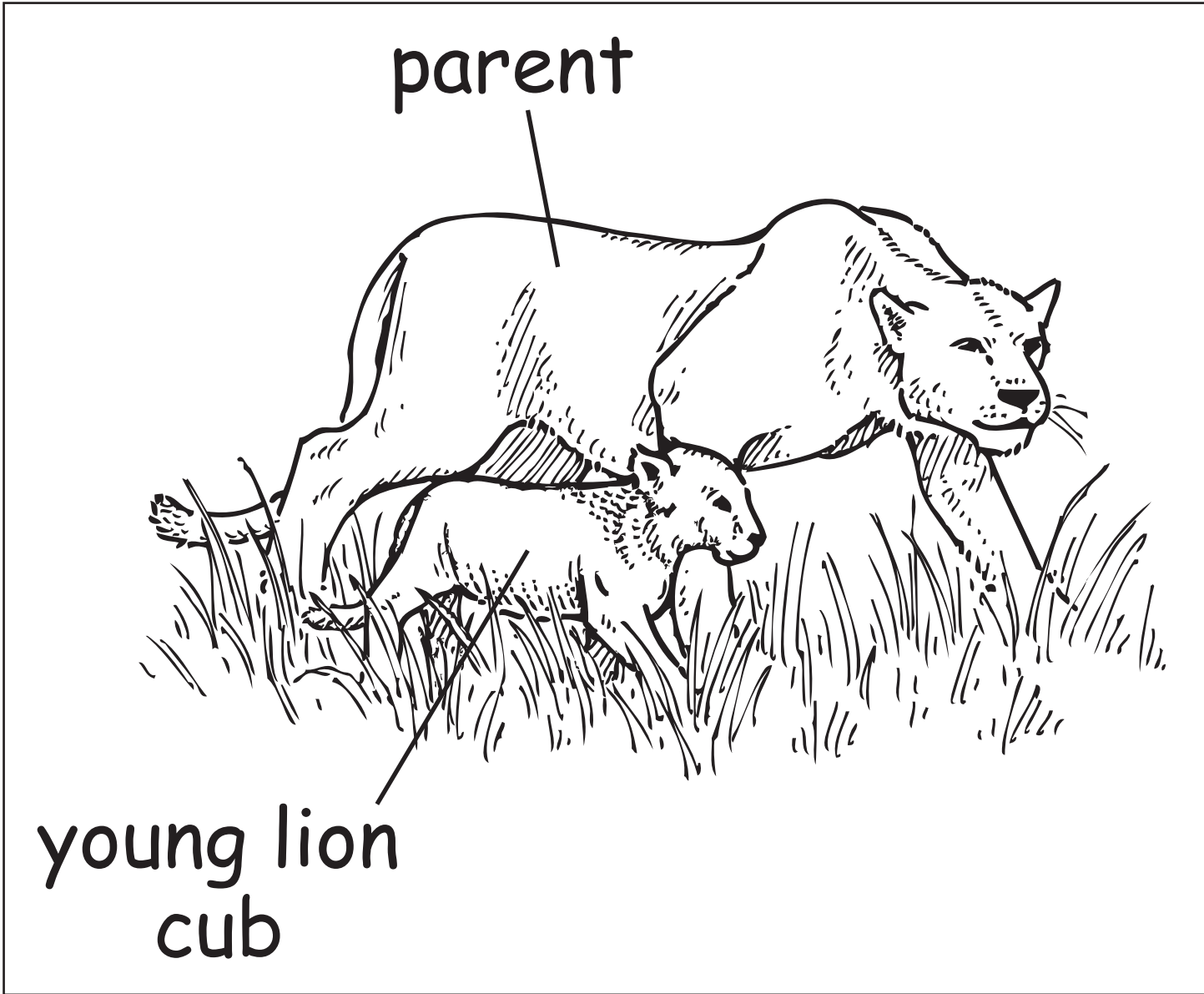
© Christopher Meder/iStock/Thinkstock

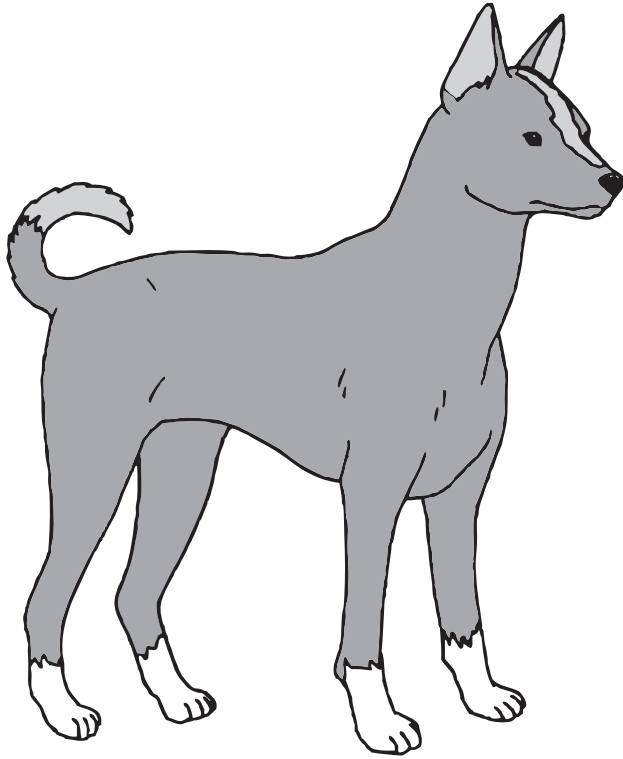
kangaroo

by helping the animals grab and hold their food

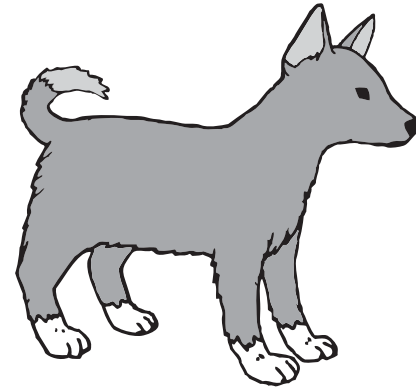
by helping the animals move and balance in their environment

by helping the animals hold and carry their young





parent



puppy



11a



black hair
and many
freckles

keyboarding
and many
freckles

black hair
and
keyboarding

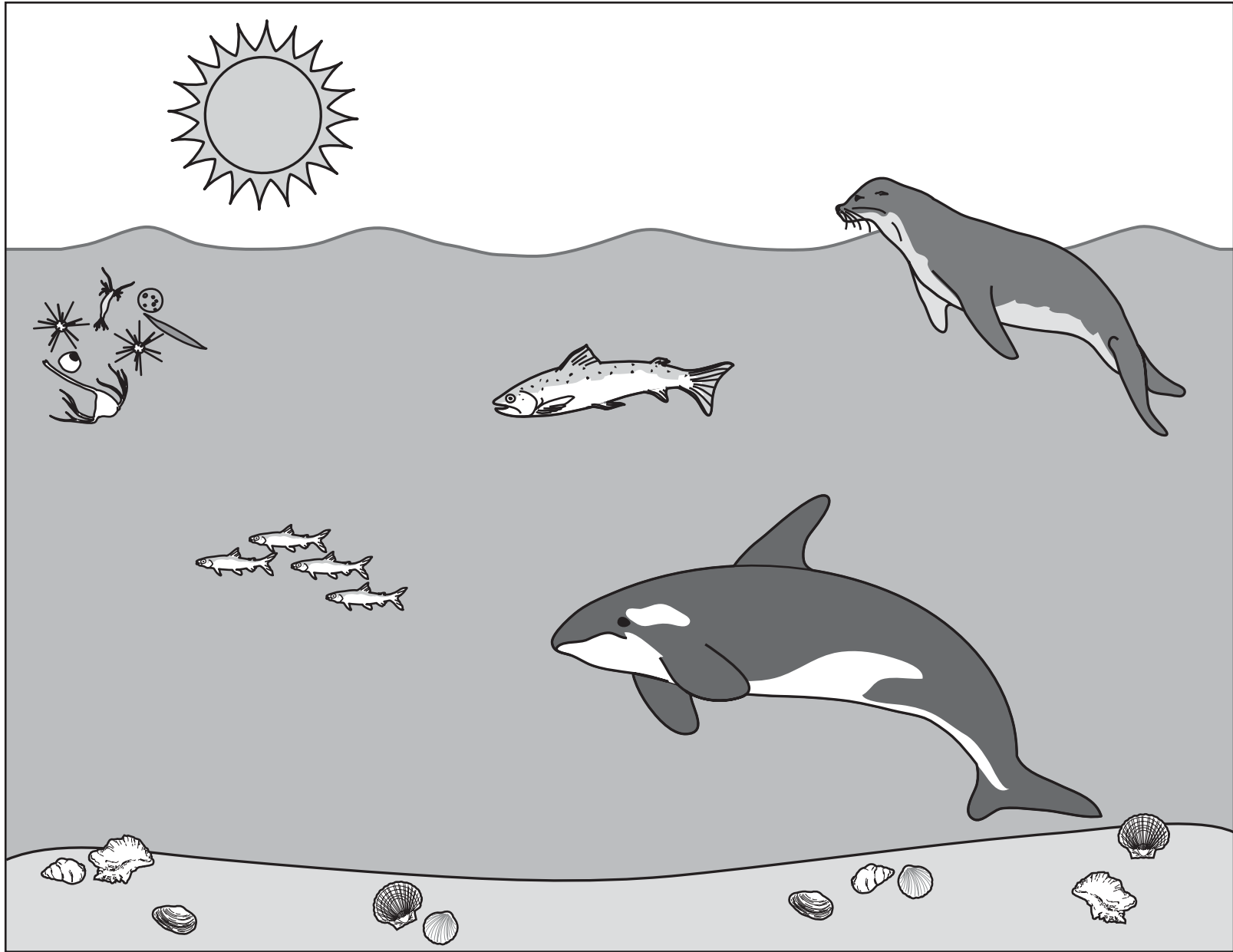
Investigation of Inherited Traits

Student	What color are your eyes?	Do you have dimples?	?
Anna	Blue	No	
Bob	Brown	No	
Cindy	Blue	Yes	

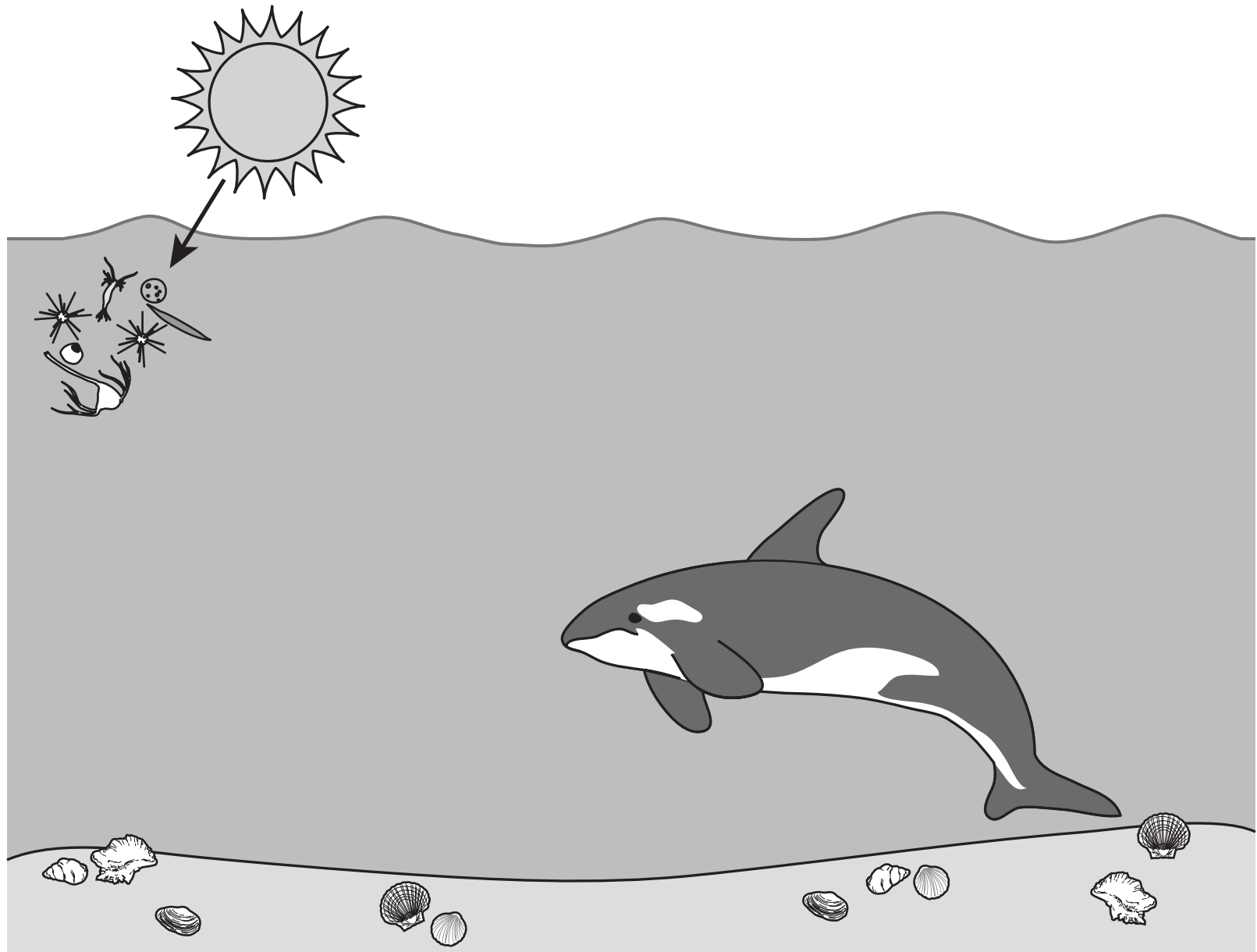
Do you
play the
piano?

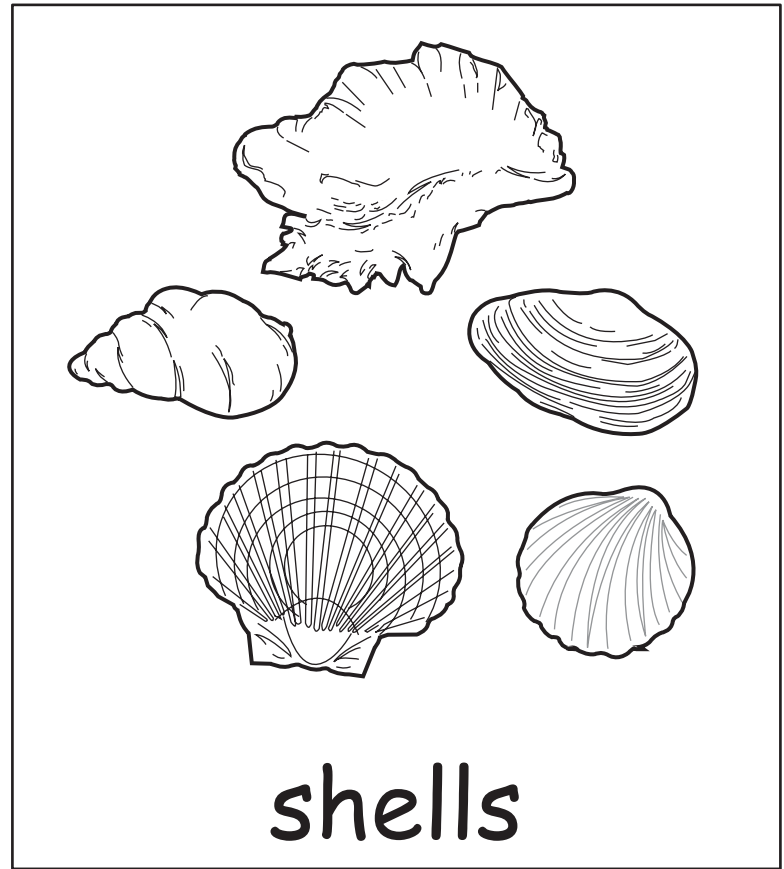
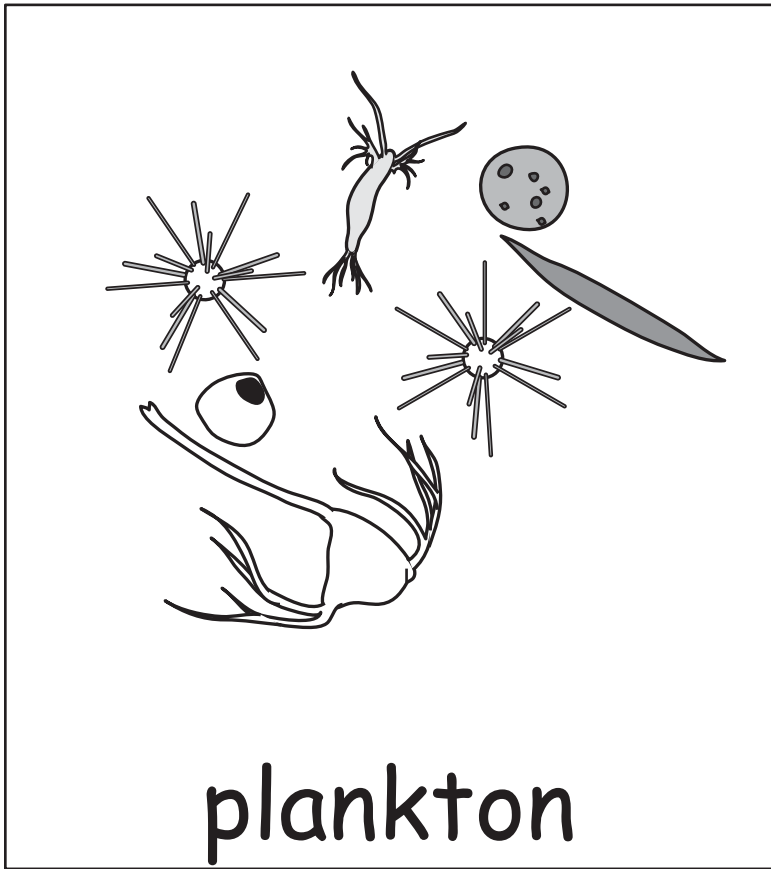
Do you
ride a
bicycle?

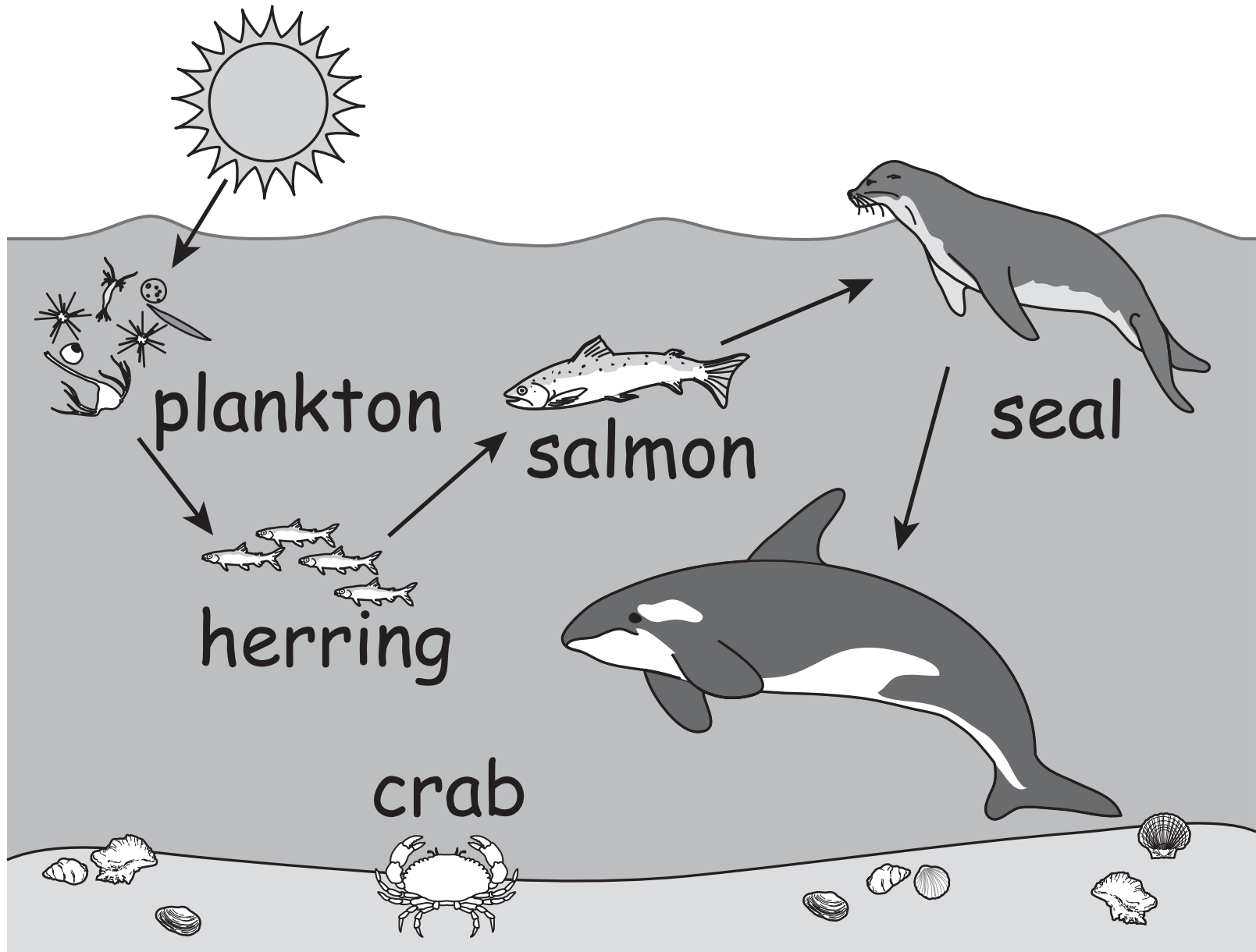
Do you
have
curly
hair?

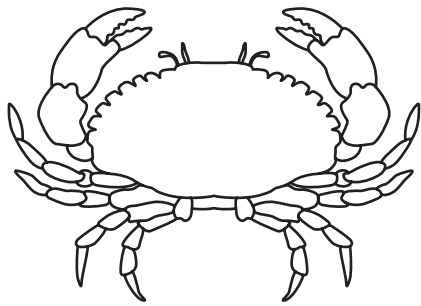


14a

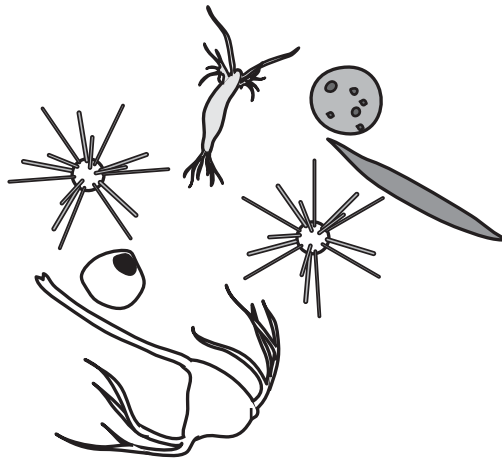




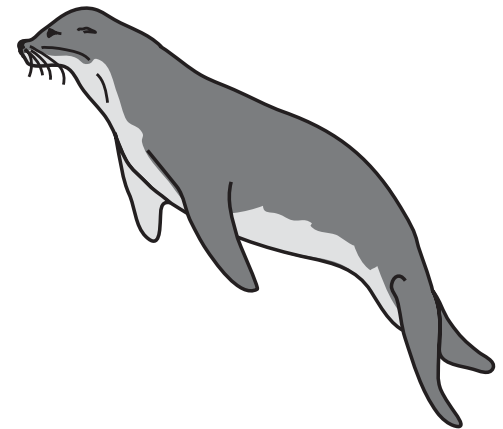




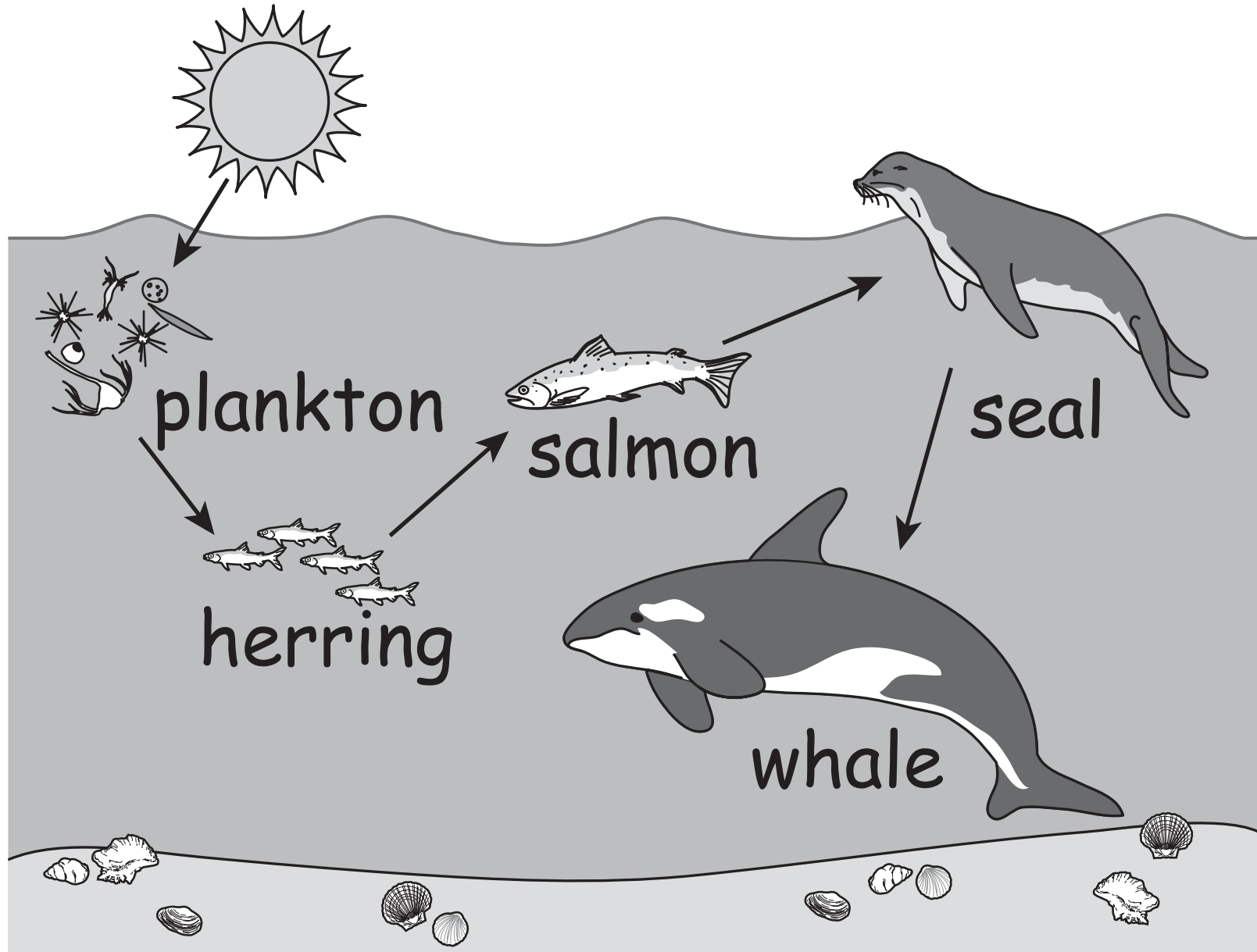
crab



plankton



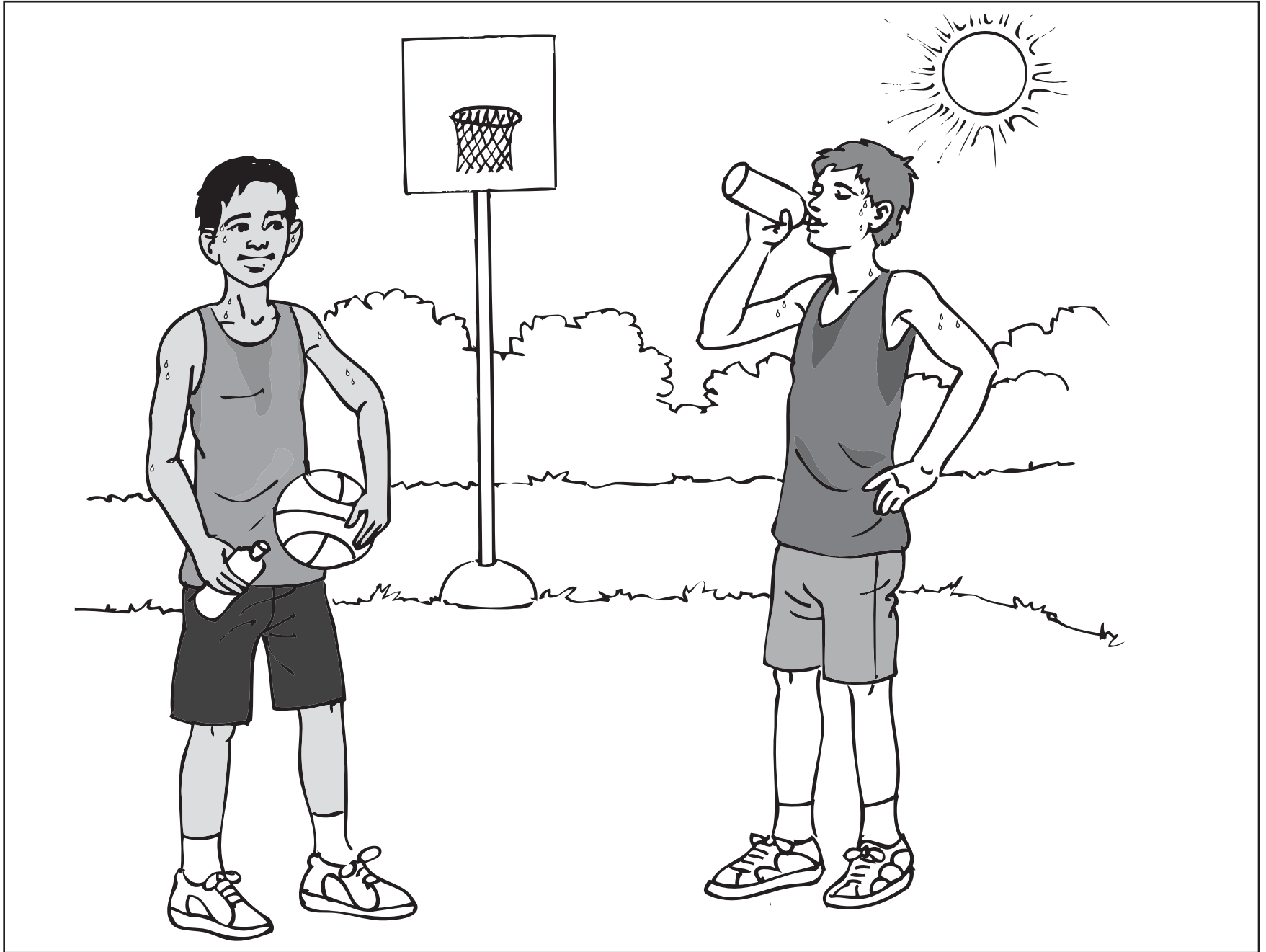
seal

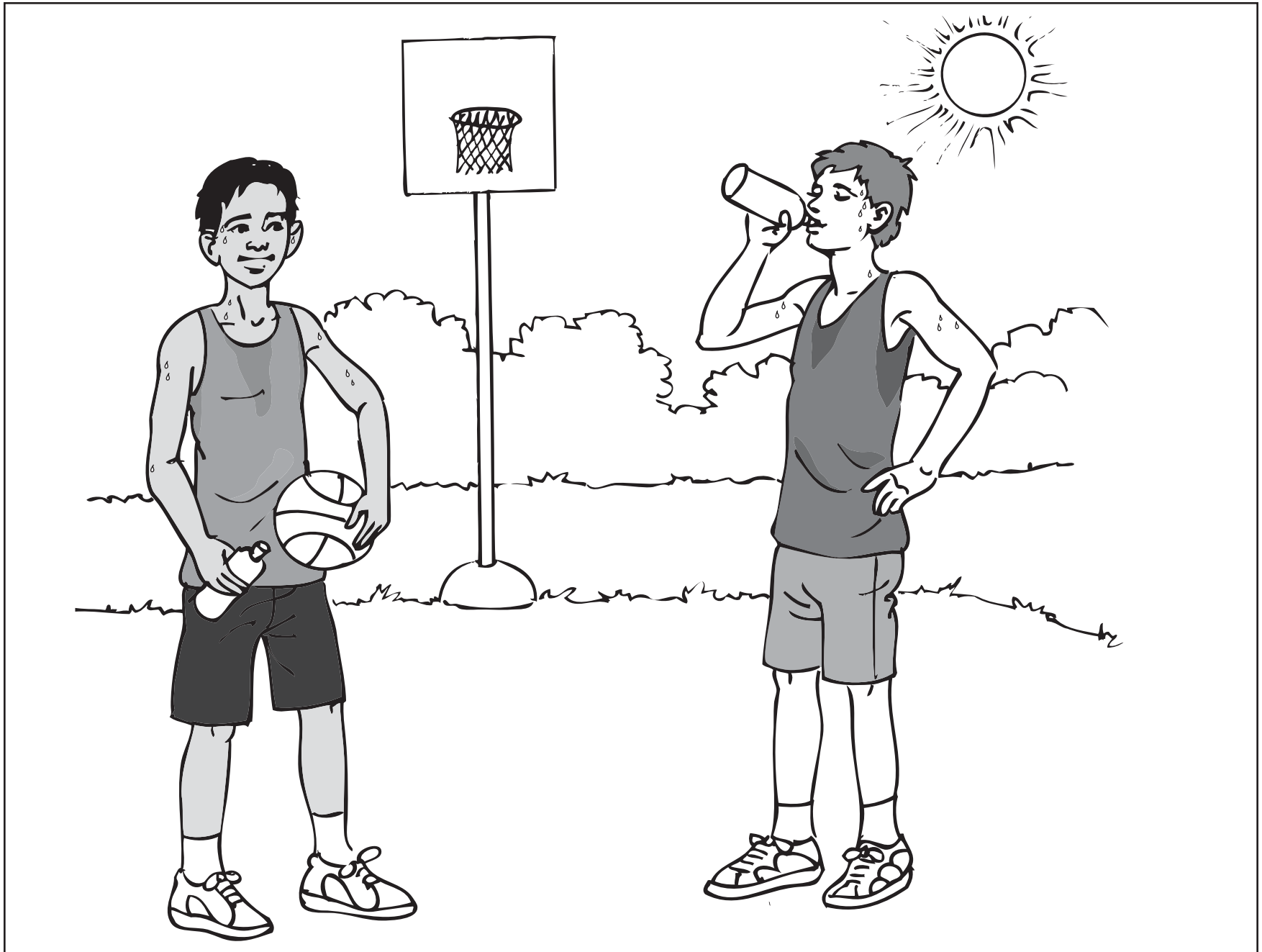


The number of herring
will decrease.

The number of seals
will decrease.

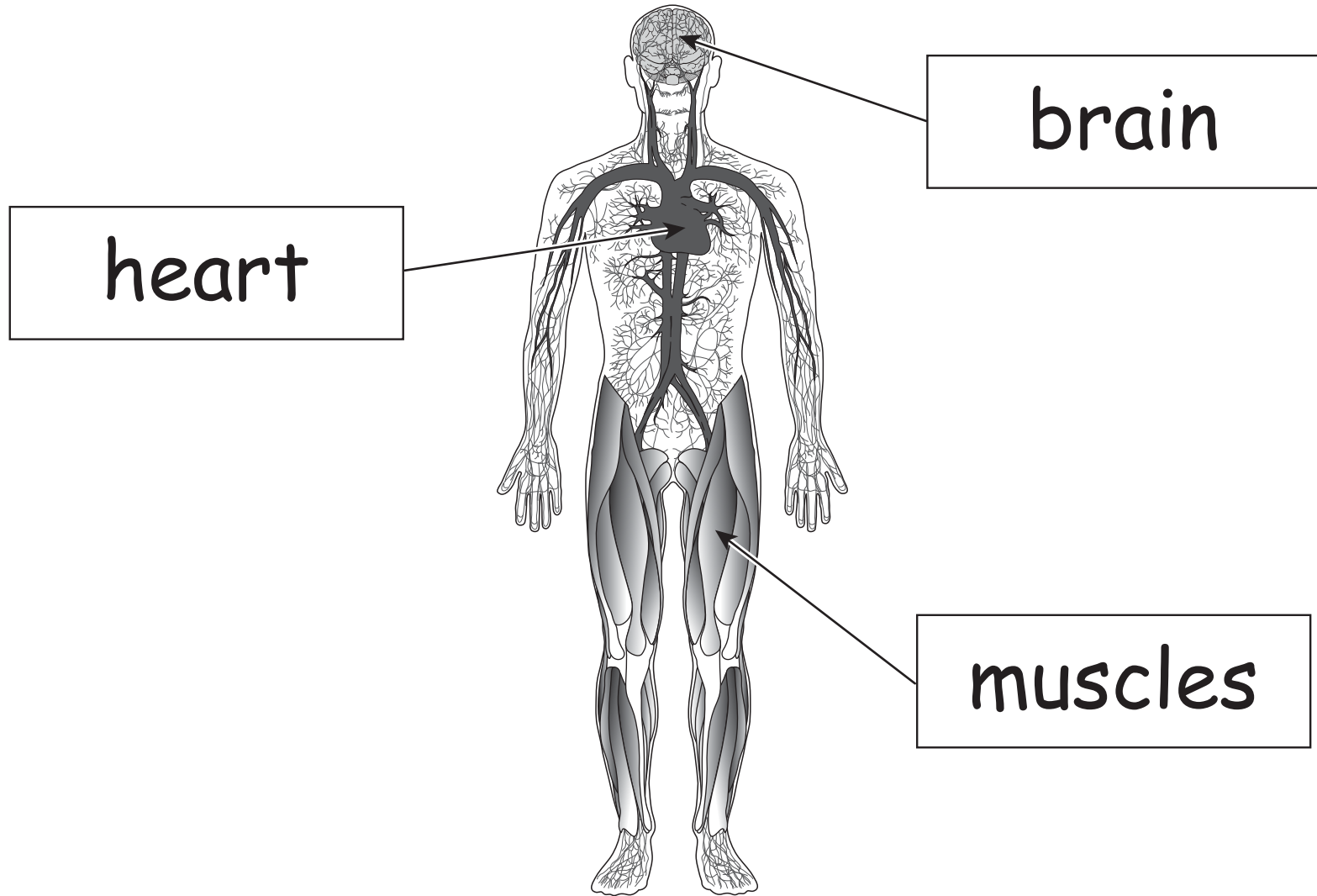
The number of plankton
will increase.










Human Circulatory System



Heart Rates for an Average 16-Year-Old

	Heart Rate at Rest	60-90 beats per minute
	Heart Rate with Some Exercise	90-143 beats per minute
	Heart Rate with a Lot of Exercise	143-175 beats per minute

Some
exercise
has no
effect on
your heart
rate.

A lot of
exercise
makes your
heart beat
faster.

No
exercise
improves
your heart
function.

STAAR ALTERNATE 2
Biology
April 2016