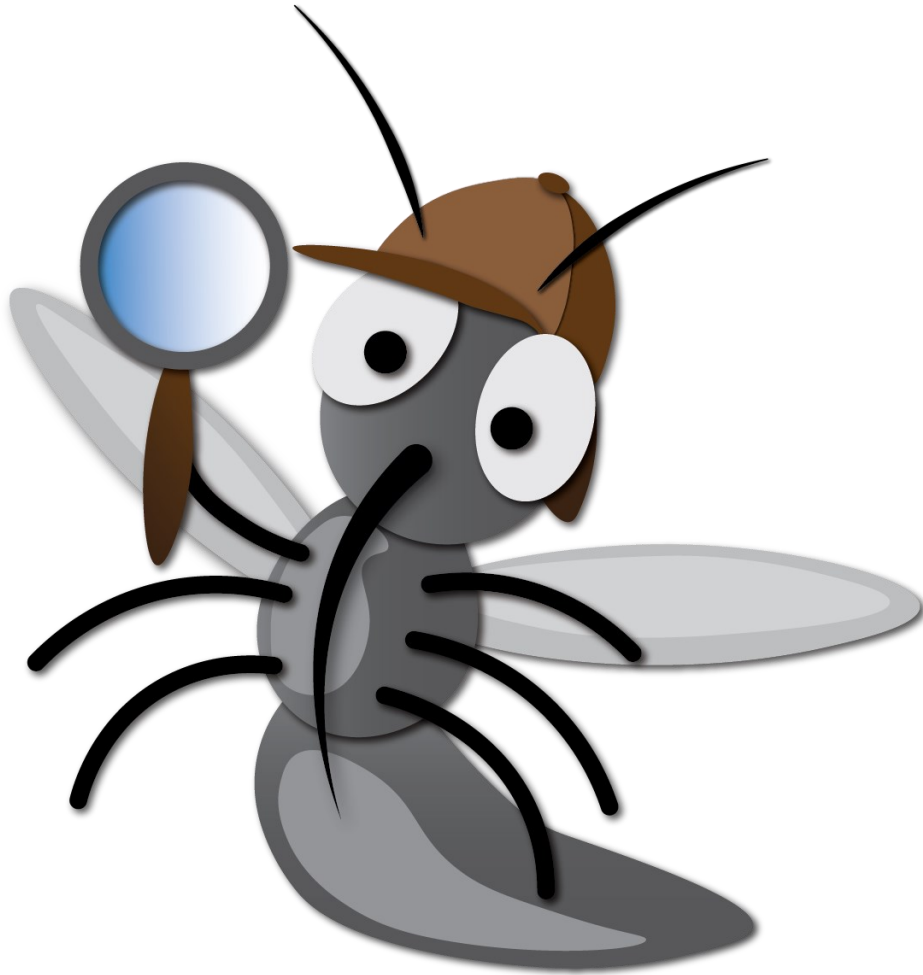


Fight the Bite!



Mosquito Activity Book

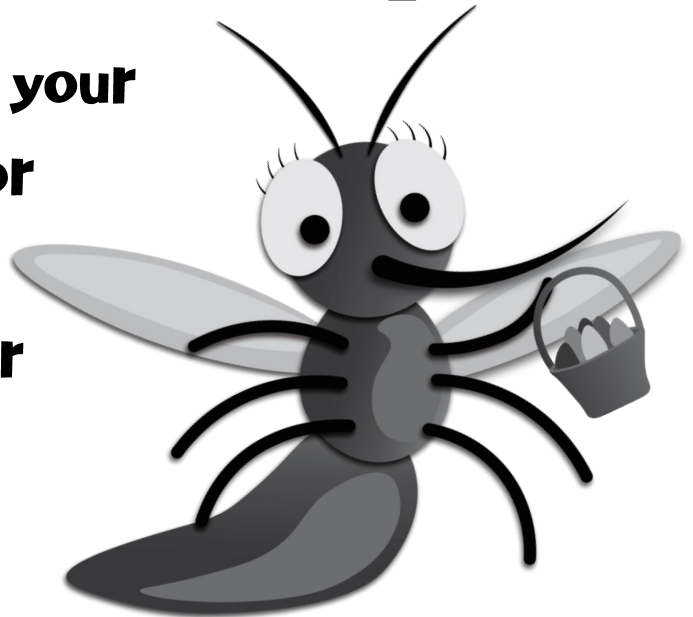
San Diego County Vector Control Program

(858) 694-2888 | SDFightTheBite.com



We need your help!

Mosquitoes are invading your neighborhood looking for somewhere to lay their eggs! And standing water around your home is the perfect place to do it!



Luckily, Swatson the mosquito detective is on the case! Follow Swatson through this activity book to learn how to fight the bite! He'll help

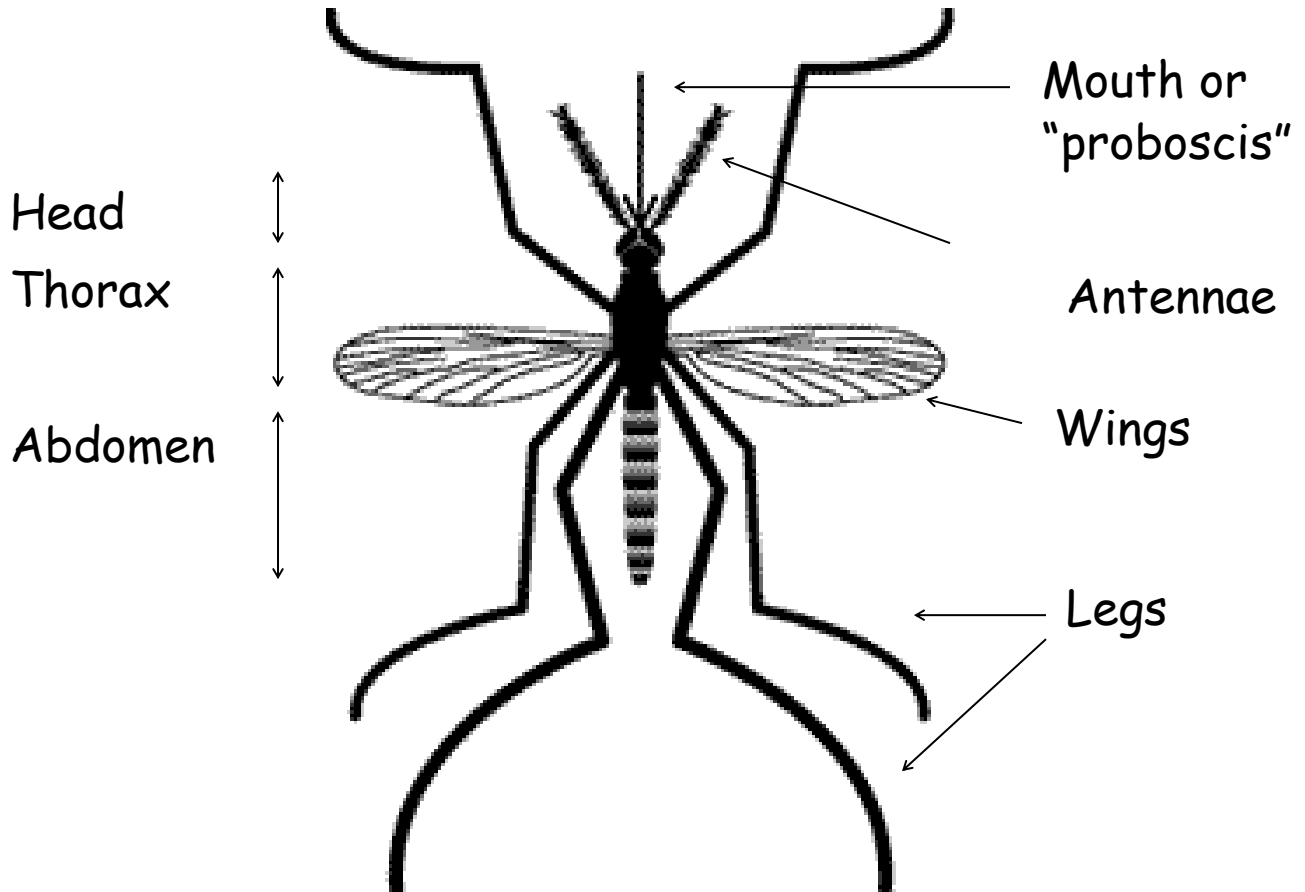
you learn to find and dump out water where mosquitoes might lay their eggs, how to prevent mosquito bites and how to keep your family safe from diseases spread by mosquitoes.

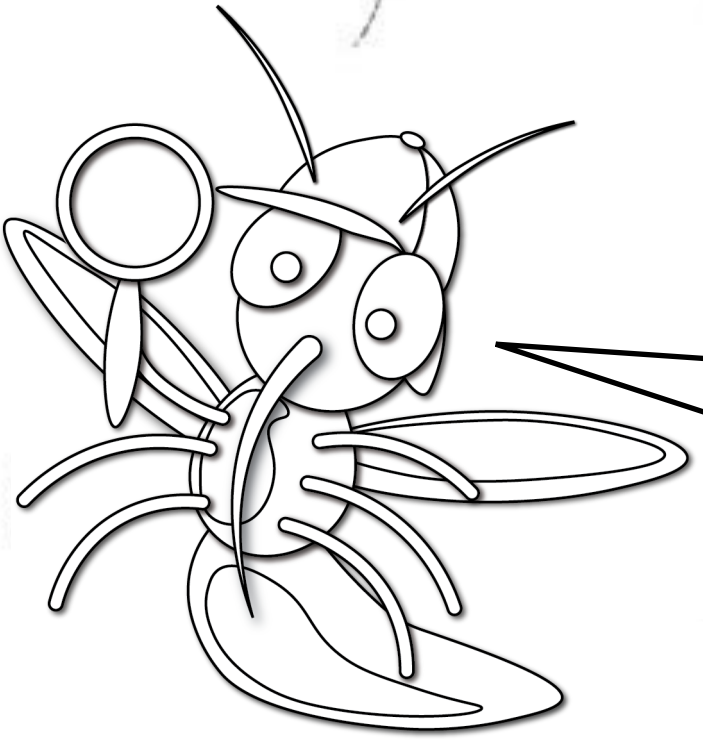
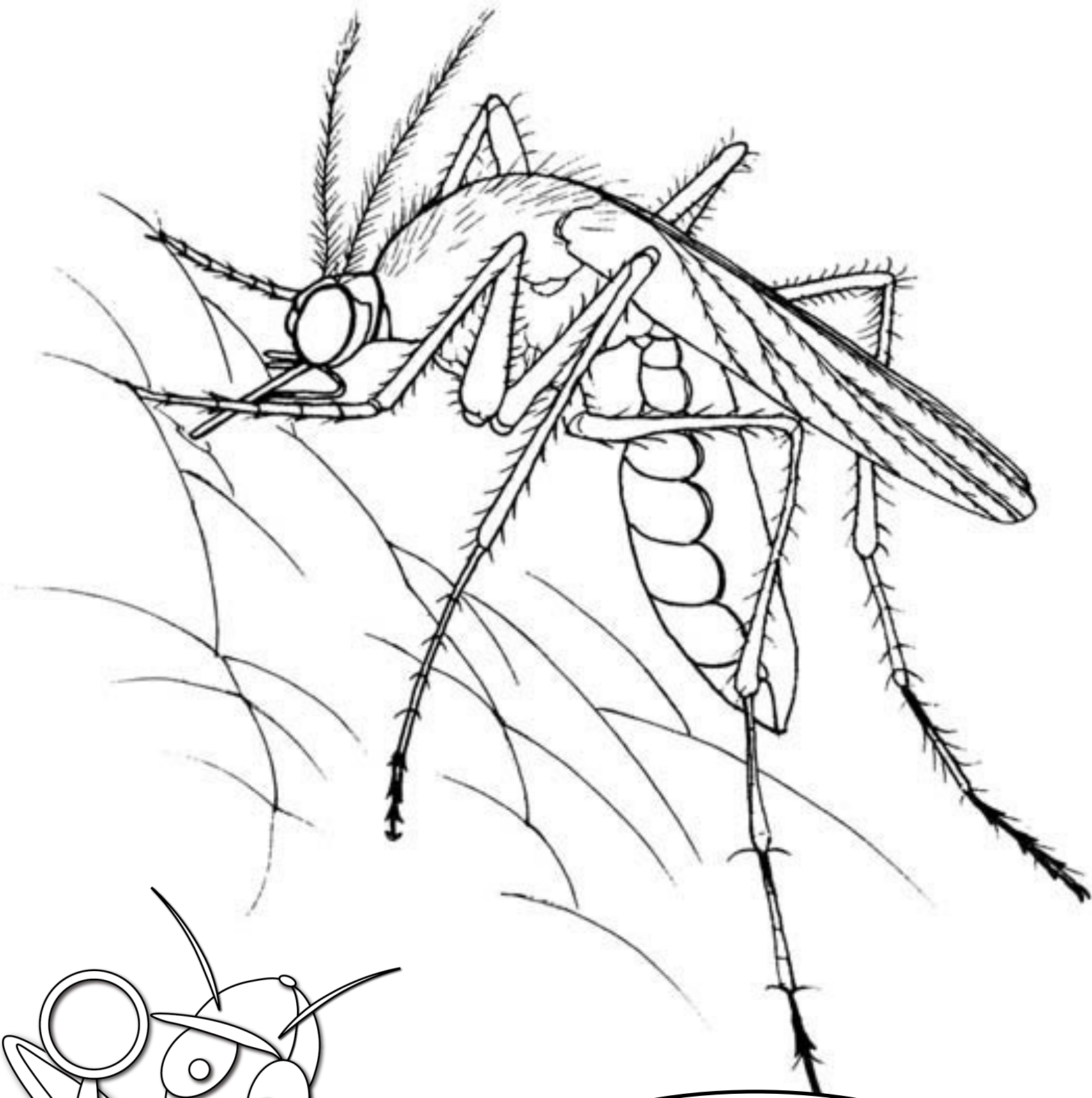


What is a Mosquito?

Mosquitoes are insects. This means they have no backbone and are divided into three parts: the head, the thorax, and the abdomen. The head has eyes, a mouth, and one pair of antennae. The mouth is long like a needle. It is called the proboscis. This is how female mosquitoes can bite animals through skin to get blood. The thorax has three pairs of legs and usually one pair of wings. The abdomen contains the guts and reproductive organs.

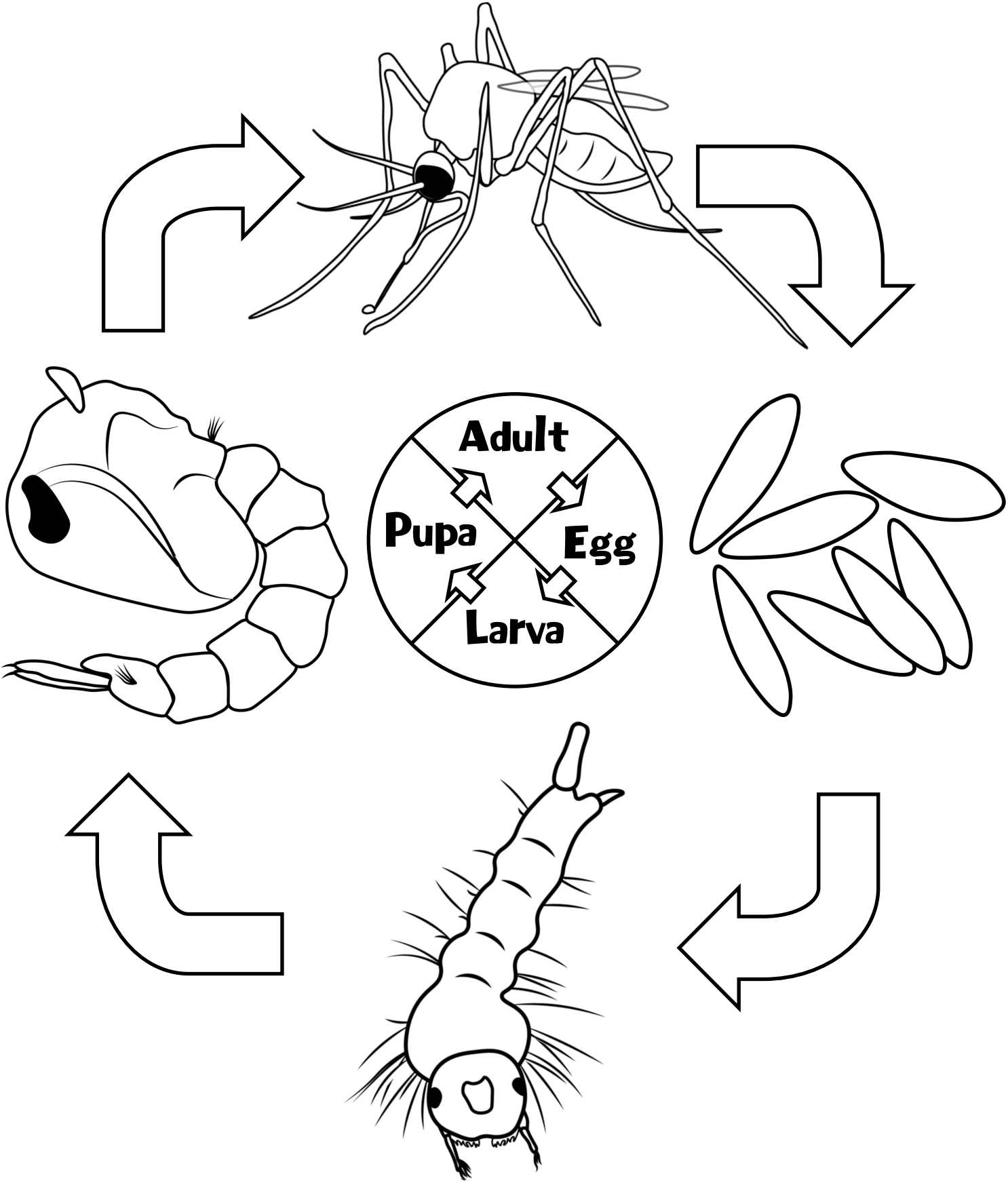
Mosquito Anatomy





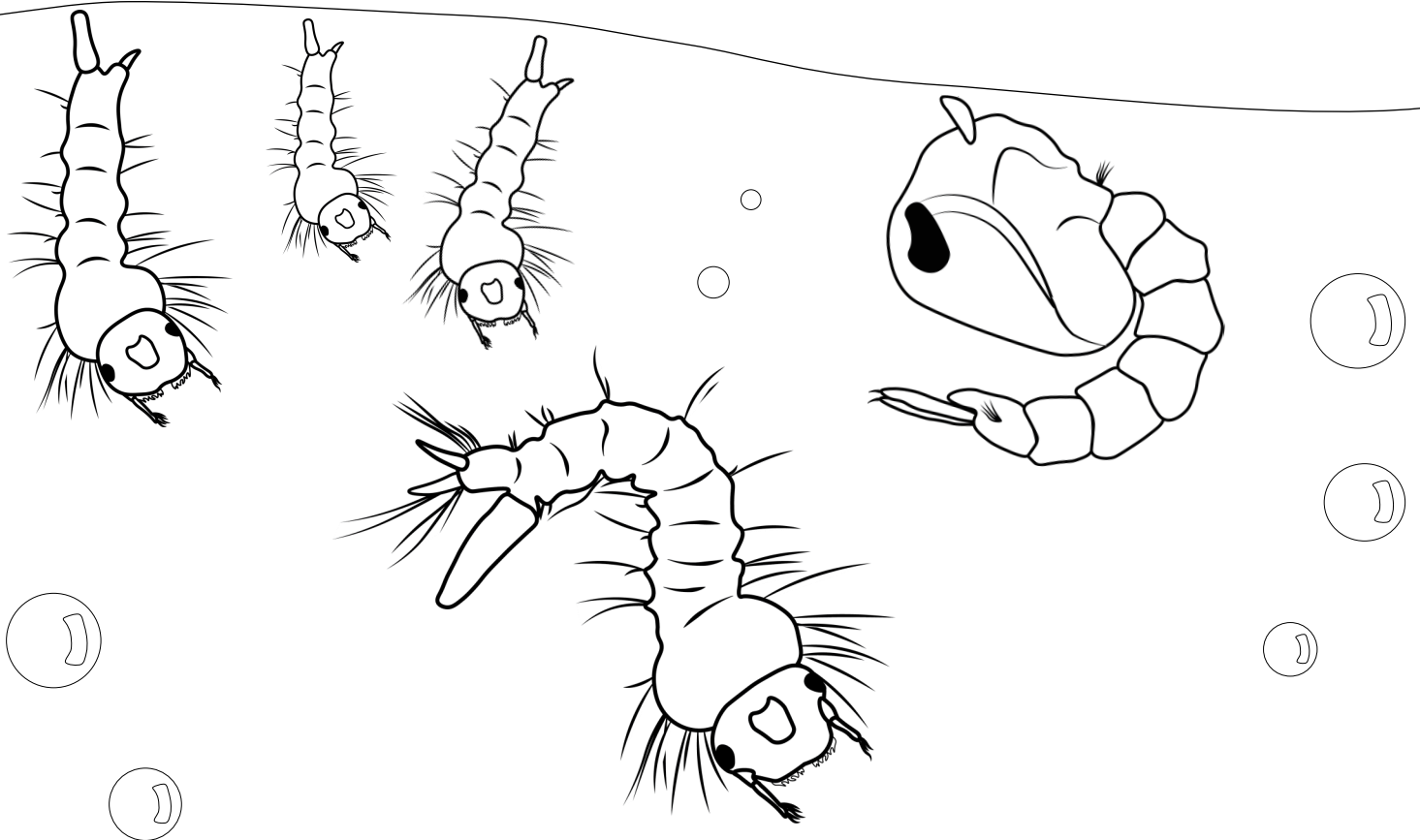
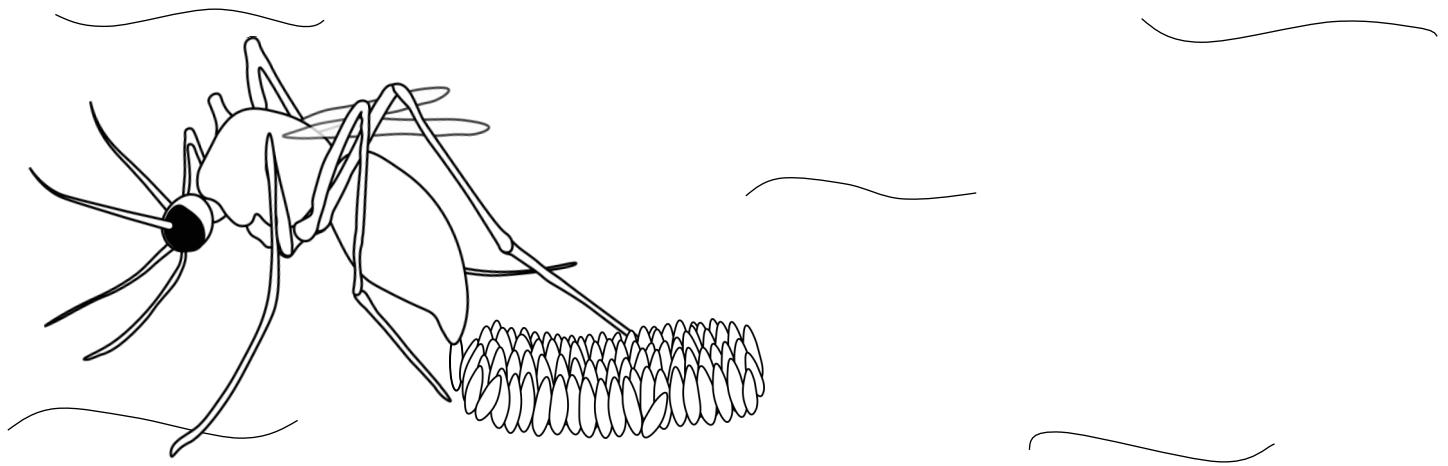
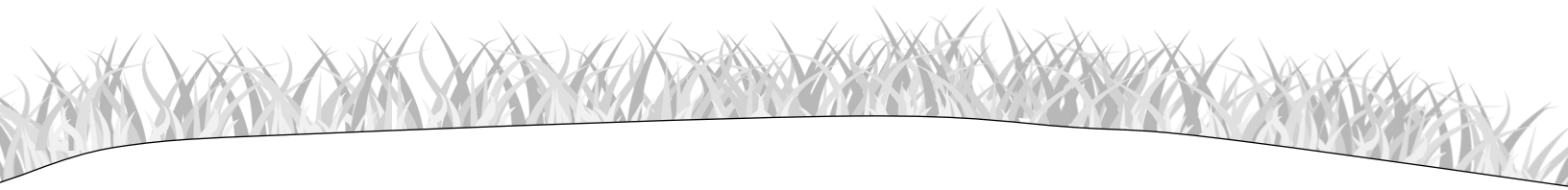
**Is that really
what I look like!?**

Mosquito Life Cycle



Mosquito Habitat

Mosquitoes lay their eggs in standing water and live underwater during the first few stages of their life cycle. Color this pond scene and each of the four stages of the mosquito life cycle: Eggs, Larva, Pupa, & Adult. Which life cycle stages live underwater?



Mosquito Word Search

Can you find the words in the puzzle?
They go up, down, diagonal and backwards!

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

WORDS

MOSQUITO

LARVA

BITE

REPELLENT

ABDOMEN

FISH

PUPA

RASH

BLOOD

THORAX

WATER

EGG

DEET

HEAD

Answers on page 19



Mosquito Bites

- **Only female mosquitoes bite people and drink blood. They need the nutrients in our blood in order to lay eggs.**
- **When a mosquito bites you to drink your blood, she injects her saliva into you.**
- **Mosquito saliva is an anti-coagulant, which stops our blood from clotting, making it easier for the mosquito to drink it up.**
- **When a mosquito bites your skin, you may get an itchy bump. Most of us are allergic to mosquito saliva. That's why mosquito bites itch!**

Mosquitoes can make us sick by spreading viruses in their saliva!



Culex mosquitoes

- **Like to bite at dusk and dawn**
- **Bite birds and people**
- **Can spread West Nile virus**



Aedes mosquitoes

- **Like to bite during the day**
- **Bite around your ankles**
- **Bite mostly people**
- **Can spread Zika, dengue, & yellow fever viruses**

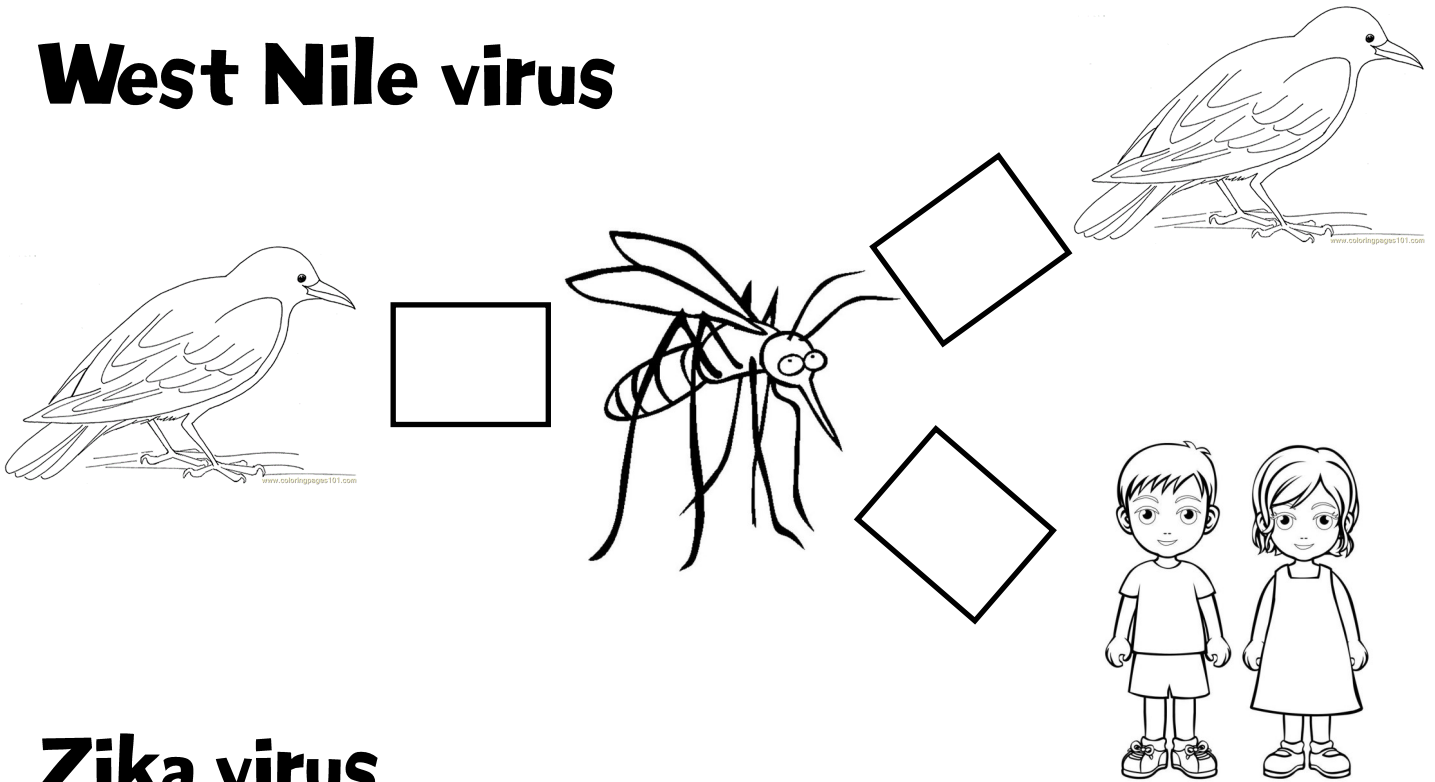
Mosquito Diseases

Mosquitoes that have bitten an infected person or animal can spread that disease to the people it bites next! West Nile virus, Zika, dengue, and yellow fever are all diseases mosquitoes can spread. West Nile is spread from birds to people by mosquitoes. Zika, dengue, and yellow fever are spread between people by mosquitoes.

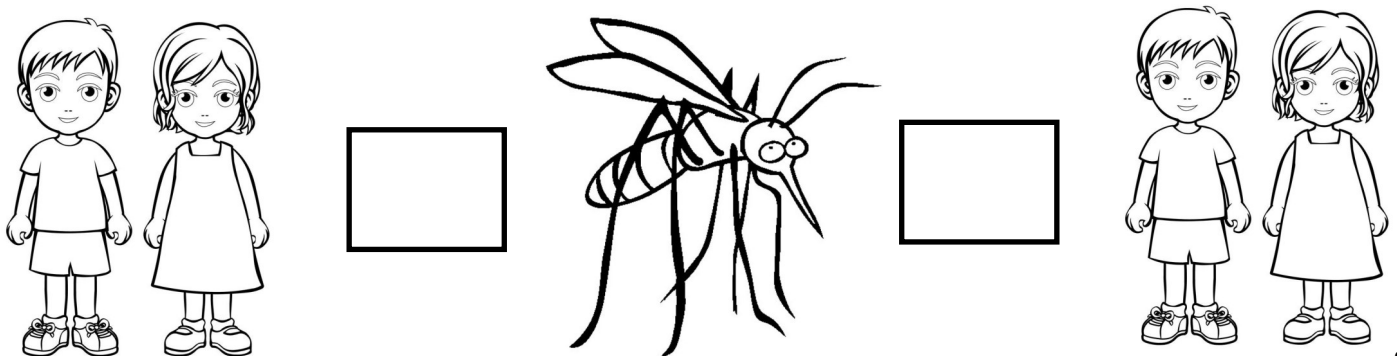
Draw arrows in the boxes below showing how each disease is spread

Answers on page 19

West Nile virus



Zika virus



Mosquito Repellent

Mosquito repellent is sprayed or wiped on skin to keep mosquitoes away and prevent bites. Insect repellents with the active ingredients **DEET**, **Picaridin**, **IR3535**, or **Oil of Lemon Eucalyptus** are the best at repelling mosquitoes.



Solve the Secret Code

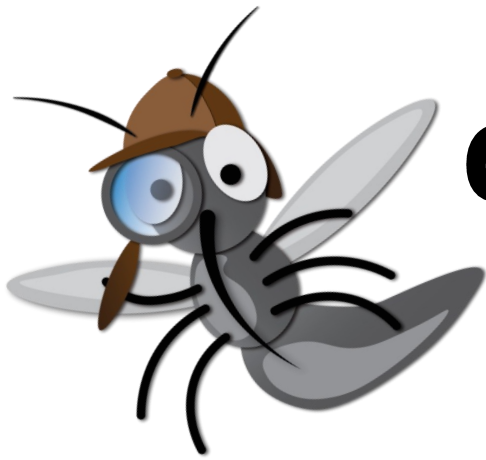
A message about mosquitoes is hidden in the lines below.

Use the key to solve the code and reveal the message.

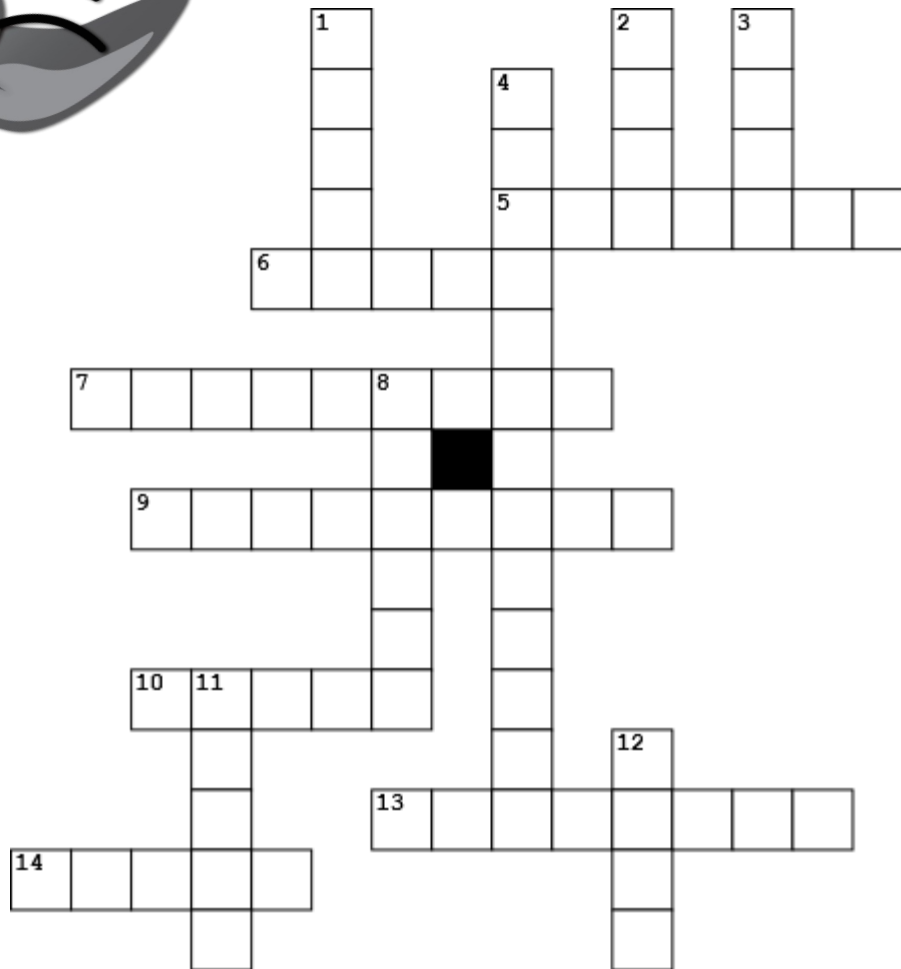
Key:

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

Answers on page 19



Crossword Puzzle!



Across

5. The Vector Control mascot (hint: he's at the top of this page!)
6. The stage of the mosquito lifecycle that has wings and can fly
7. The mouth part of the mosquito
9. You put this on your skin to prevent mosquito bites
10. This stage of the mosquito lifecycle lives underwater and looks like a worm
13. An insect that can bite people and spread diseases
14. This type of mosquito likes to bite at dawn and dusk

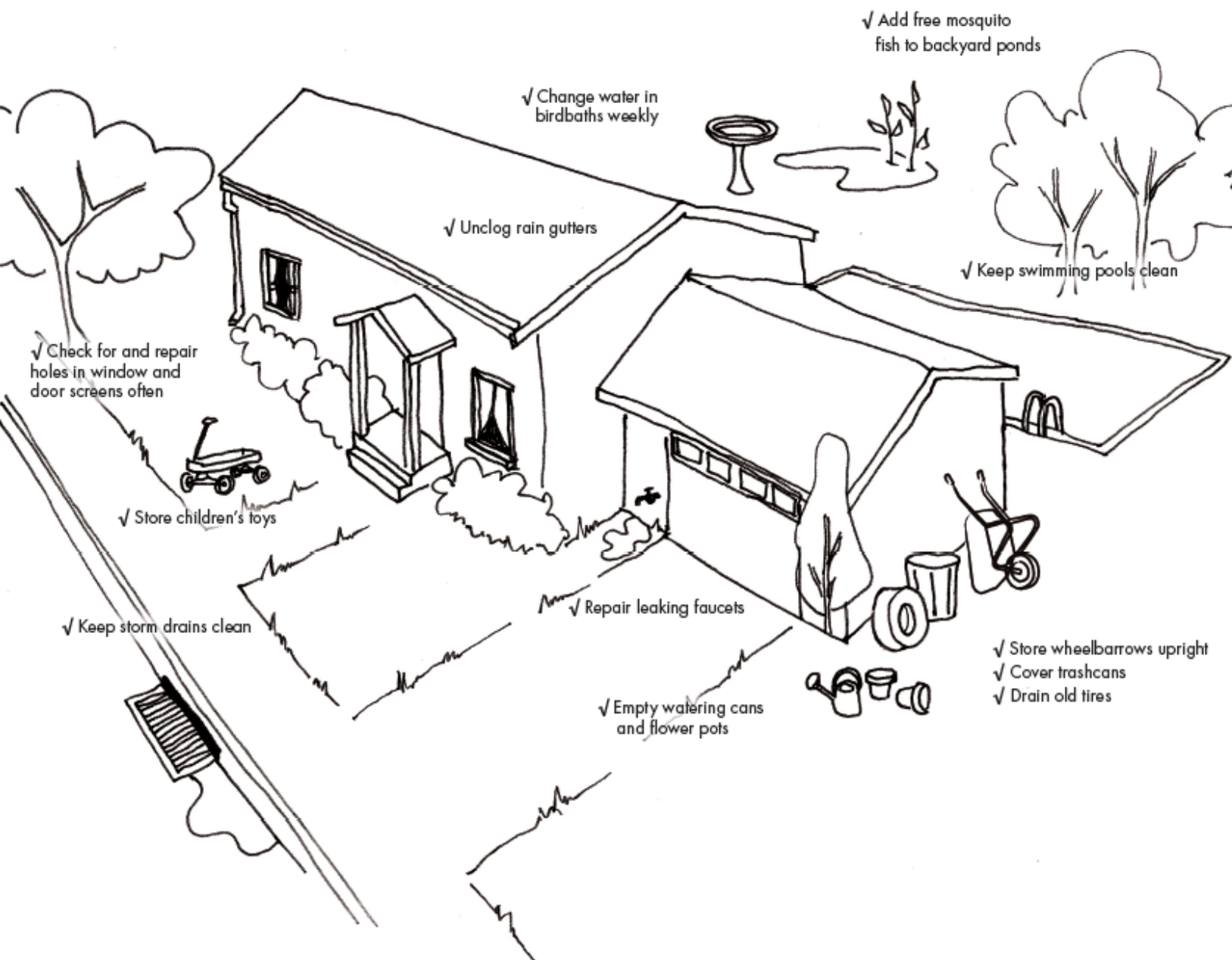
Down

1. Only female mosquitoes drink this
2. A disease spread by Aedes mosquitoes
3. Mosquitoes lay these in water
4. A disease spread from birds to people by mosquitoes
8. A mosquito injects this into your blood when she bites you
11. This type of mosquito likes to bite your ankles during the day
12. This stage of the mosquito lifecycle lives underwater and is similar to a butterfly chrysalis

Answers on page 19

Prevent Mosquito Breeding!

Look at the home below and circle any mosquito breeding sources (standing water where mosquitoes may lay their eggs) you may have at your home. Can you think of other places mosquitoes might lay their eggs? Hint: some mosquitoes will even come inside homes to lay their eggs.



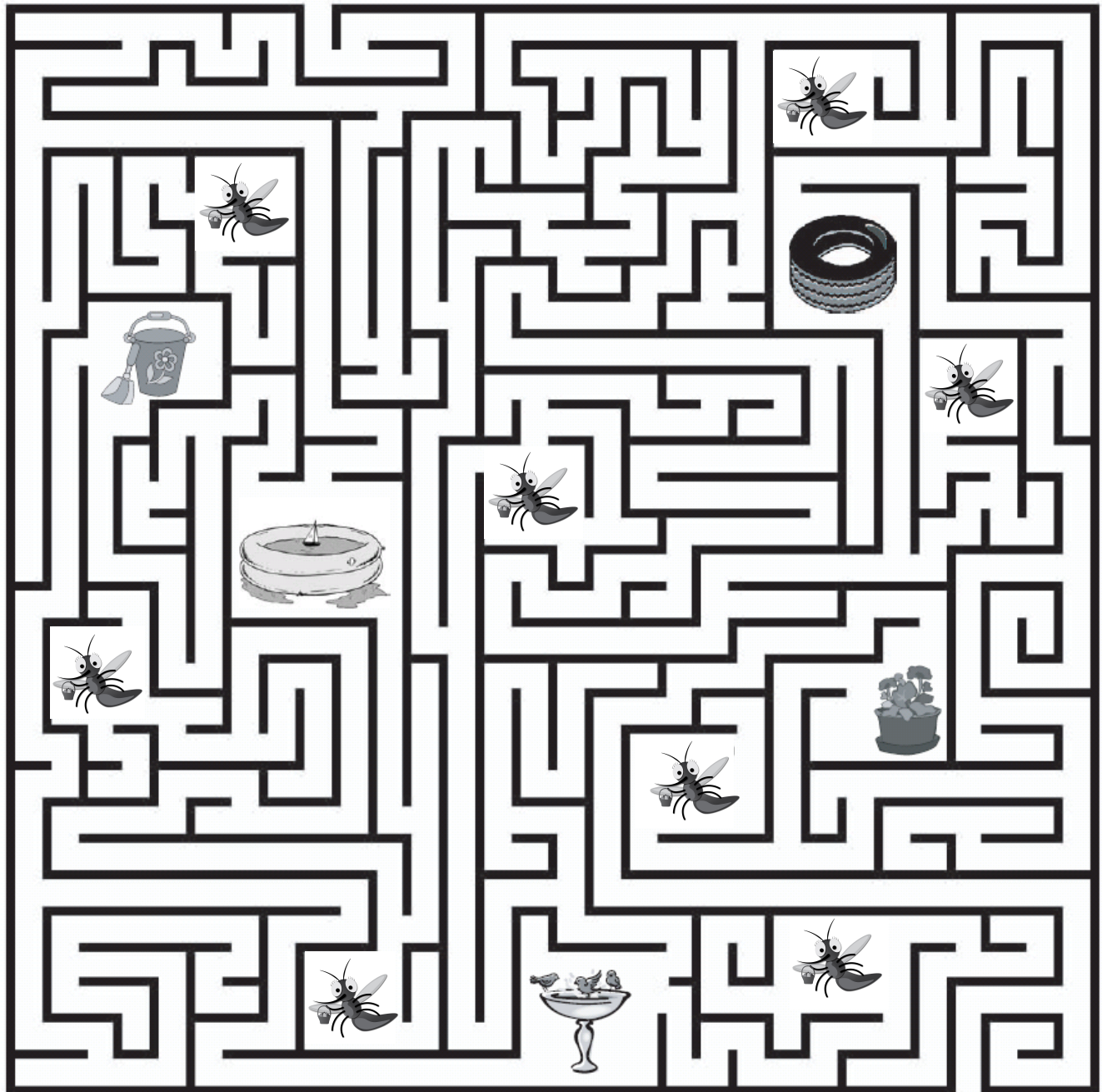
Follow the tips on this page to prevent mosquito breeding around your home and to keep your family safe from mosquito bites!

Help Swatson Through the Maze

Swatson is looking for places where a mosquito might lay her eggs. Help him find and dump out all the sources of standing water without running into any other mosquitoes!



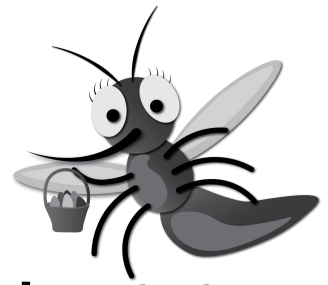
Start



Solution on page 19

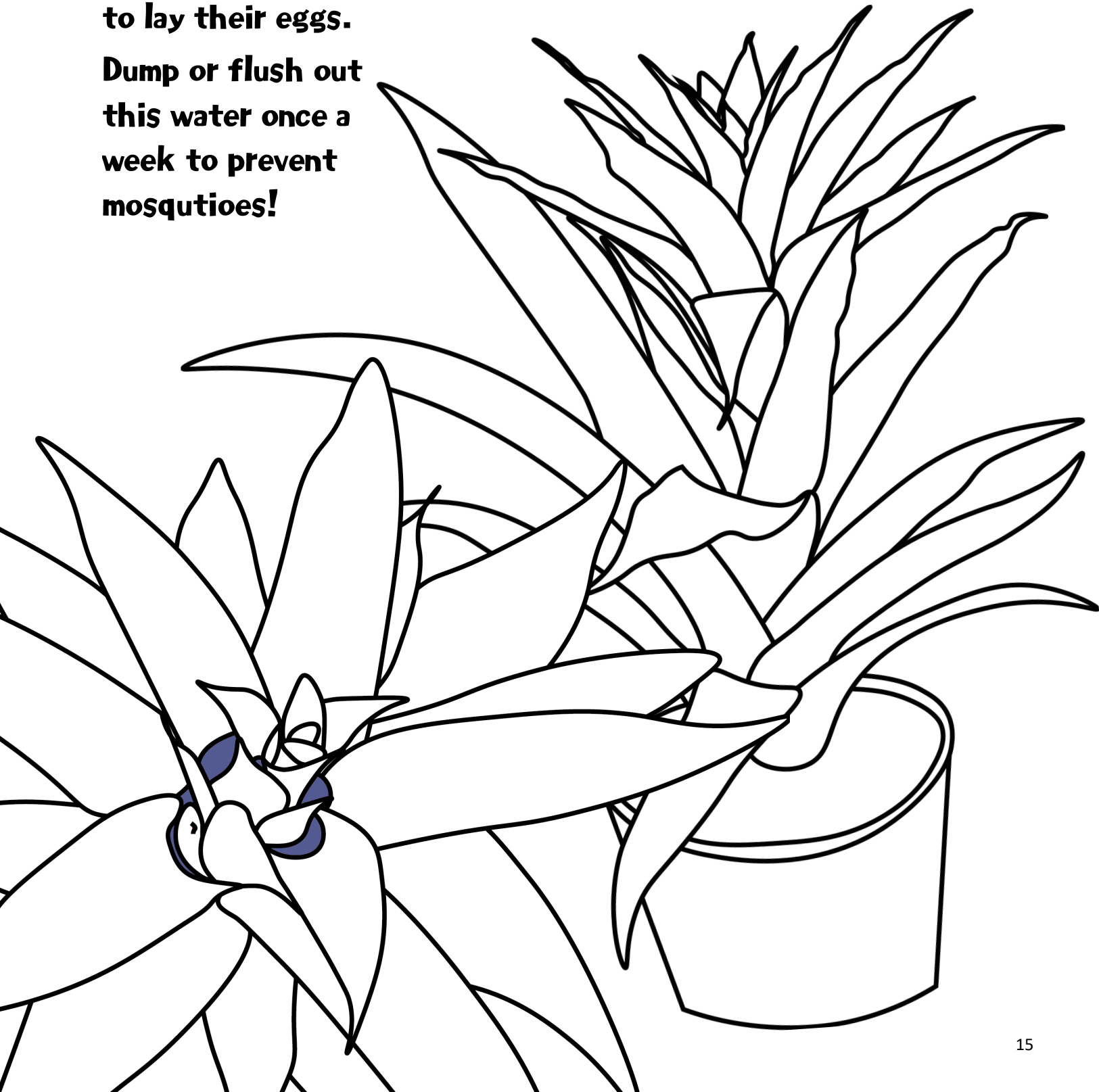
Finish

Bromeliads



A bromeliad is a type of plant that many people keep inside and outside of their homes. Bromeliads collect water between their leaves. This makes them a natural place for mosquitoes to lay their eggs.

Dump or flush out this water once a week to prevent mosquitoes!



Silly Stories!

Work with a friend to make your own silly story! Hide this page from your friend and ask them for a word that fits the description under each blank space. Write the word down and then read the story together!

The Summer I Learned to Fight The Bite!

Last summer my family was throwing me a _____ party. It was a barbecue
with lots of tasty _____ and _____ to eat. I was feeling _____ when
suddenly I heard a buzz. It was a mosquito, and it brought _____ of its
friends to crash my party! They were biting everyone, even my _____.
We all had to _____ inside. Later we found out that mosquitoes had been
breeding in our _____ - it was full of standing water! We dumped it out
and our mosquito problem went away. Then we _____ outside!





Draw your own picture of how you will Fight the Bite!

Remember:

- ◆ **Prevent mosquito breeding areas**
- ◆ **Protect yourself from bites**

Name: _____

School and Grade Level: _____

Adult's Signature: _____



County of San Diego
Vector Control Program
5570 Overland Ave., Suite 102

Place
Stamp
Here

Instructions to Send:

1. Tear out this page from the book.
2. Fold on the dotted lines.
3. Make sure the address appears on the outside.
4. Staple or tape closed.
5. Place a stamp and put it in the mail!

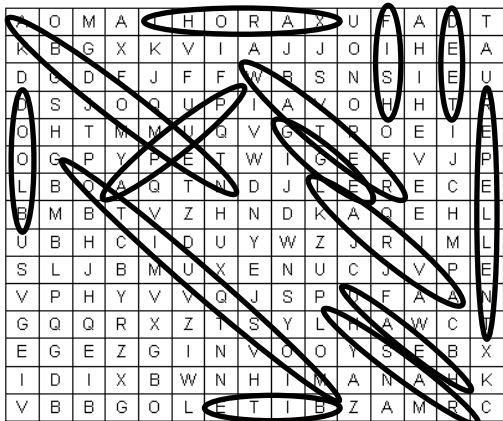
More ways to Fight the Bite!

Share with your parents!

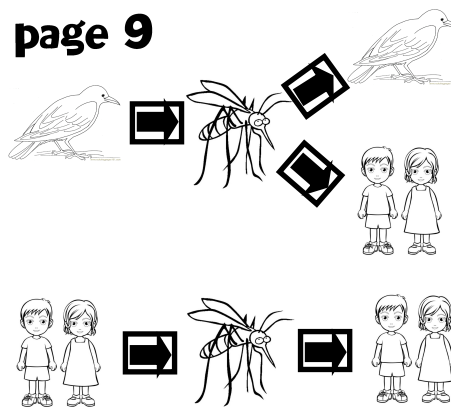
- Adults can report green pools and other mosquito breeding sources in their neighborhood to the **Vector Control Program** by calling **(858) 694-2888**
- **Mosquito fish** to control mosquito larvae in ponds and pools are available free of charge from the **Vector Control Program**.
- **Mosquito larvae** (in ponds, pools, fountains, rain barrels, etc.) can also be controlled by using **mosquito larvicide products** (available in dunks, granules, and liquid forms)
- For more info visit our website at **SDFightTheBite.com**

Answers:

page 7



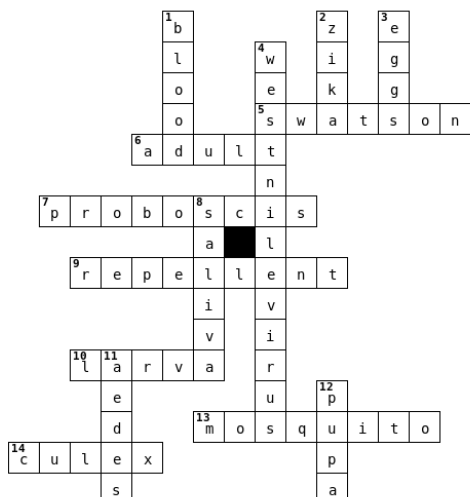
page 9



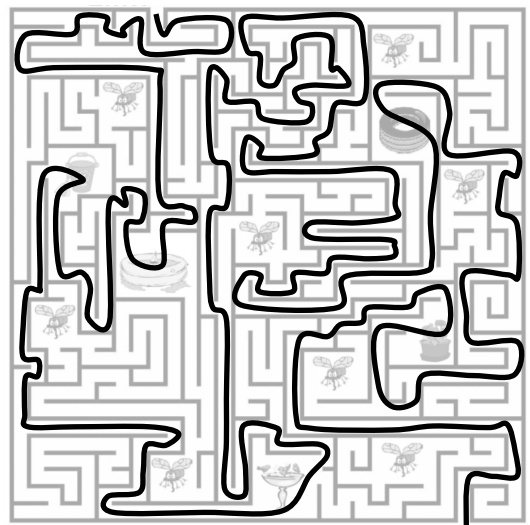
page 11

Fight the bite; Wear insect repellent; Wear long sleeves and long pants; Dump out standing water

page 12



page 14



Mosquito Jokes and Facts!

Q: What has six legs, bites, and talks in code?

A: A morse-quito!

There are more than 25 different types of mosquitoes in San Diego County!

Did you know that a female mosquito can lay over 200 eggs at a time? That's a lot of eggs!

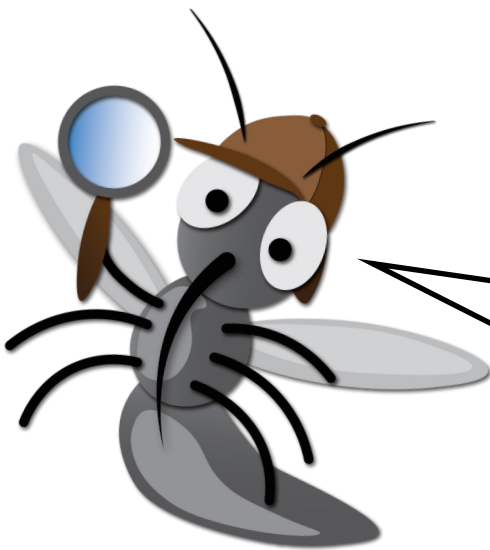
Q: What has antlers and sucks blood?

A: A moose-quito!

Q: Why did the mosquito go to the dentist?

A: To improve her bite!

Mosquitoes are the most deadly animal in the world!



Remember to dump out standing water around your home!

*County of San Diego
Vector Control Program*

