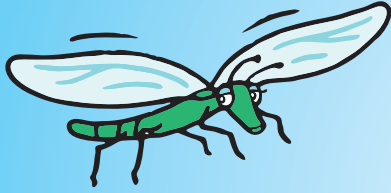


A coloring book
with fun activities!

ORGANIC FARMING

with:

Lilly the Ladybug



Lilly the Ladybug Finds Her New Home



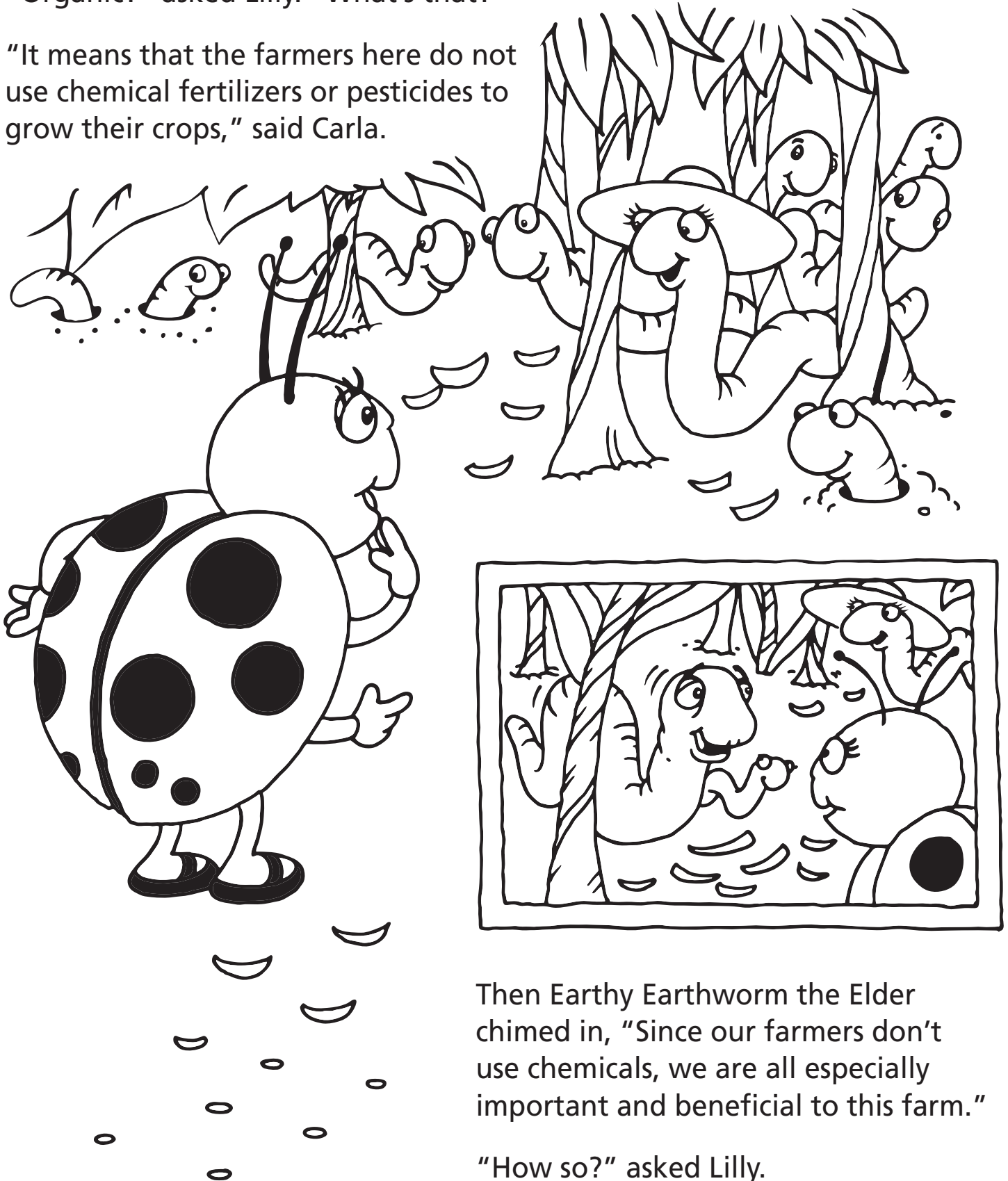
Lilly the Ladybug needed a home. For days, she flew over hill and dale and meadow and field, but nothing seemed quite right. One morning, she finally found a farm that smelled so good and looked so green... it seemed just perfect!

When she saw that other ladybugs lived there, too, alongside earthworms and lacewings, she knew she'd found a great new home!

A welcoming committee of earthworms came by for an official greeting. "Hello!" said Carla, the Committee Chairworm. They explained to Lilly why this farm smelled so sweet and looked so green. "It's organic."

"Organic?" asked Lilly. "What's that?"

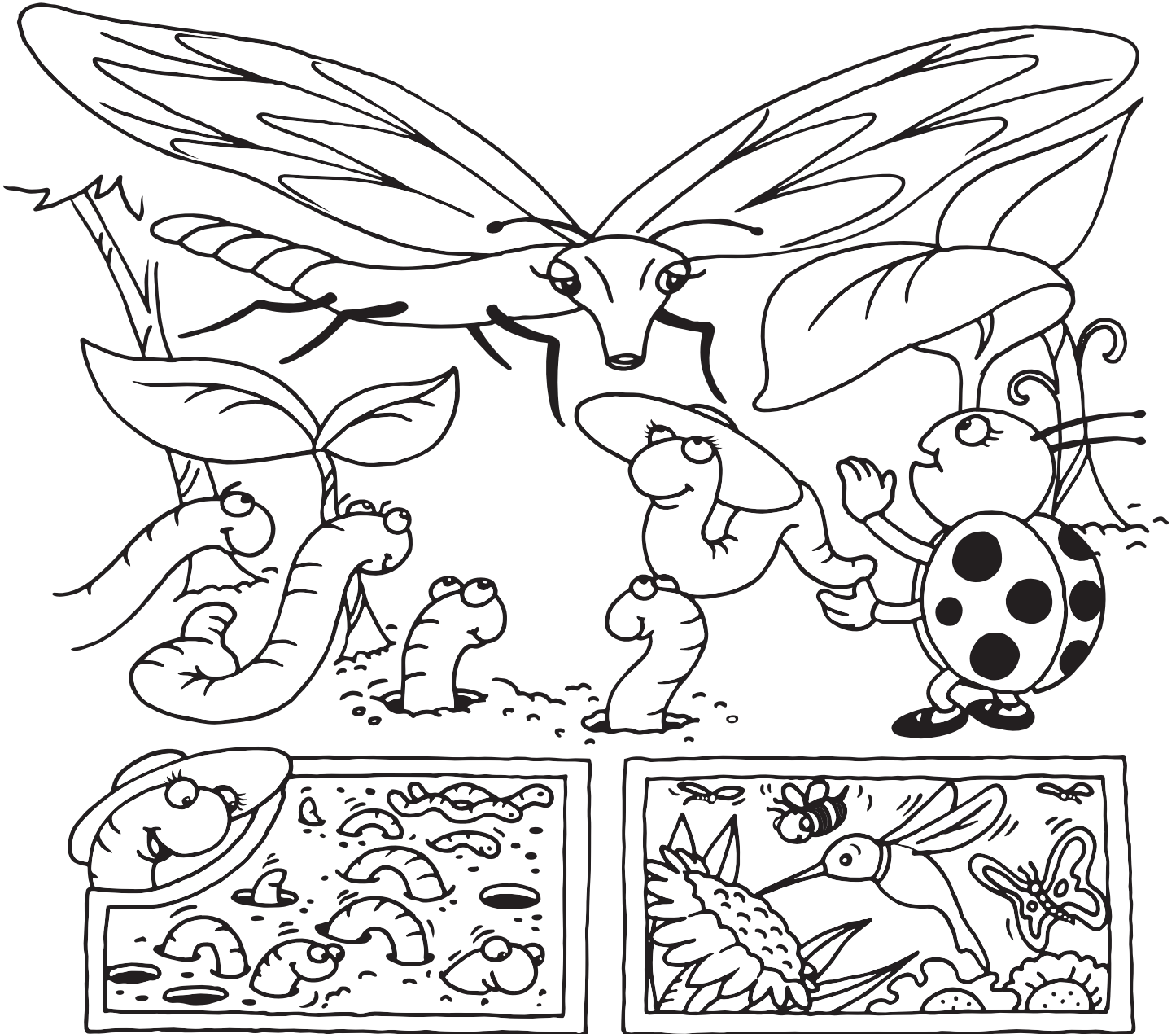
"It means that the farmers here do not use chemical fertilizers or pesticides to grow their crops," said Carla.



Then Earthy Earthworm the Elder chimed in, "Since our farmers don't use chemicals, we are all especially important and beneficial to this farm."

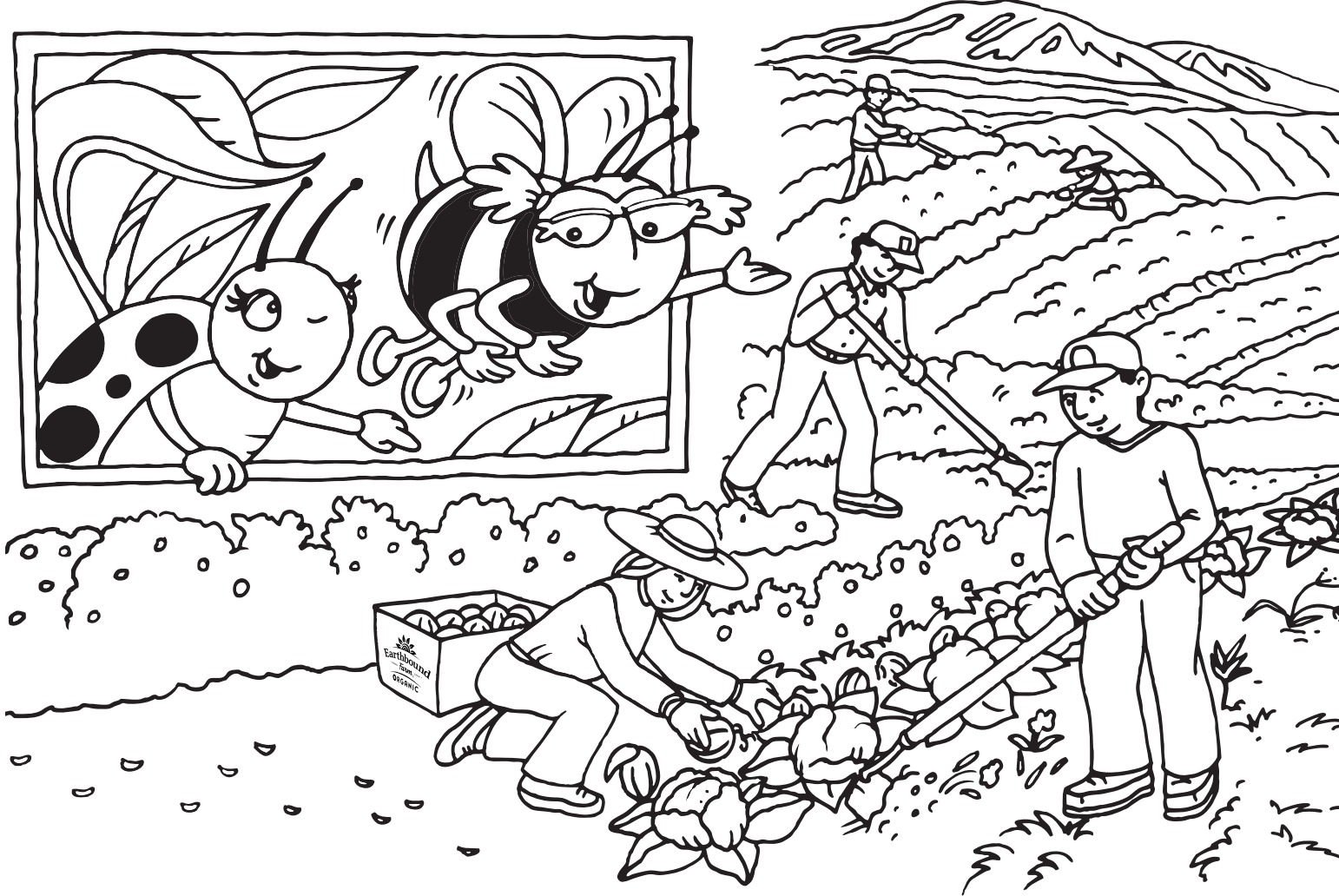
"How so?" asked Lilly.

"The good bugs like us, who help the farmers protect crops, get to make our homes in the special plants that the farmers grow just for us. We get plenty of our favorite food by eating bad bugs that can damage plants on the farm. It's truly teamwork!" said Lady Lacewing as she landed. The others bowed ever so slightly to show respect.



"The earthworms burrow through the ground, gobbling up soil and old pieces of plants. Their work loosens up the soil to make it easy for the roots of plants to grow and turns the plant pieces into fertilizer," Lady Lacewing continued. "Hummingbirds, bees, and butterflies make sure that the plants get the pollen they need so they can flower and provide fruits and vegetables."

"So that's how organic farming works!" exclaimed Lilly. She was really quite impressed.

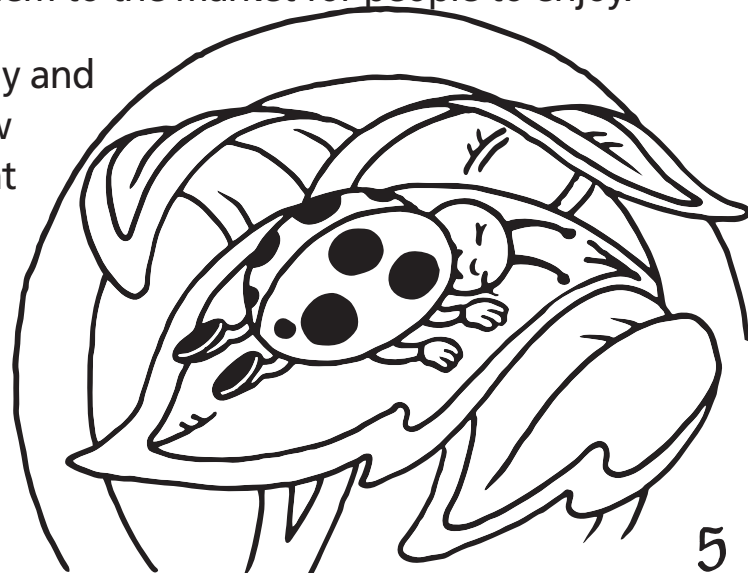


Later Lilly was startled by the humans who were pulling weeds, watering plants, and picking ripe fruits and vegetables and placing them in boxes.

“Who are all the people in our fields?” Lilly asked her neighbor, Rosalie Honeybee.

“Those are the farmers,” Rosalie said. “They take care of the fields where we live by planting seeds and making sure the plants have plenty of sunlight and room to grow by clearing weeds. And they make sure there’s enough water, too. They harvest the ripe organic fruits and vegetables and bring them to the market for people to enjoy.”

At the end of this exciting day, Lilly felt healthy and safe in her new home. Surrounded by her new friends, she realized that she was an important part of this organic farm and that she had finally found where she truly belonged. As night fell, she let out a sigh of happiness, crawled under a leaf, and went to sleep. Good night, Lilly!



The End

What can you find o

Insects and birds help pollinate flowers. Pollination helps plants make fruit, vegetables, and seeds. See if you can find all of the pollinators:



2 HONEYBEES

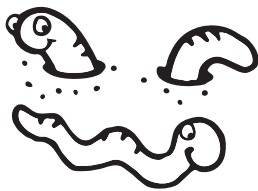


3 BUTTERFLIES



3 HUMMINGBIRDS

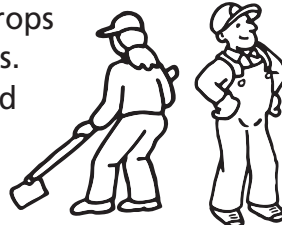
Our earthworms help aerate the soil and make fertilizer out of old plants. See if you can find all **8 EARTHWORMS**.



Aphids and thrips are bad bugs that pierce the leaves of plants and suck the juices out. Find **4 APHIDS** and **3 THRIPS**.



Organic farmers work with nature to grow crops without chemicals. See if you can find **8 ORGANIC FARMERS**.



Organic farmers use tools called hoes instead of chemicals to remove weeds from fields. Find **6 HOES**.



in our organic farm?



Organic farmers plant a beneficial habitat of flowers (like poppies and alyssum) to make a nice home for the good bugs ("beneficial insects") that help farmers protect crops by eating the bad bugs ("pest insects"). Can you find **3** patches of **BENEFICIAL HABITAT**?



Ladybugs and lacewings eat bad bugs like aphids, scale, and mealybugs.

See if you can find **6 LADYBUGS** and **3 LACEWINGS**.



Lettuce is actually a member of the daisy family with tasty edible leaves. Find **15 LETTUCE** plants.



Broccoli is a member of the cabbage family with tiny, delicious flower buds and beautiful big leaves. Find **4 BROCCOLI** plants.



Pumpkins are the fruit of the pumpkin plant, which is in the squash family. Find **3 PUMPKINS**.





Organic farm word search

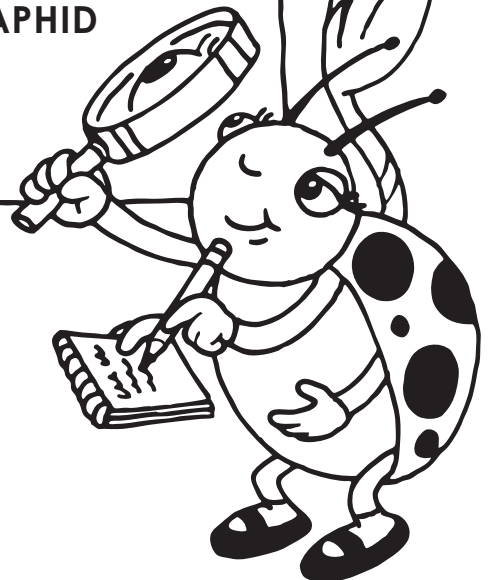
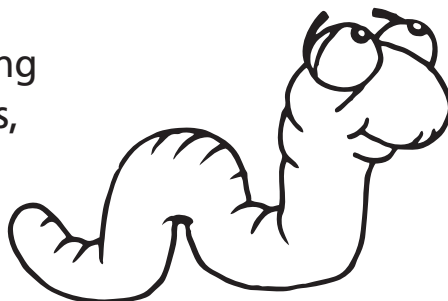


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O	L	C	B	A	N	N	R	D	T	H
M	E	T	S	O	I	V	T	O	U	O
C	O	V	E	R	C	R	O	P	R	K
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E	T	V	D	L	F	R	U	I	T	L
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H	A	N	C	O	M	P	O	S	T	D

- | | | |
|------------|---------|-----------|
| COVER CROP | PLANT | COMPOST |
| SEED | AVOCADO | STEM |
| NATURE | LADYBUG | ARTICHOKE |
| ROOT | RADISH | APHID |
| ORGANIC | SOIL | |
| FARM | FRUIT | |

Words may be found reading up, down, backward, across, or diagonally.

(Answers on page 11)

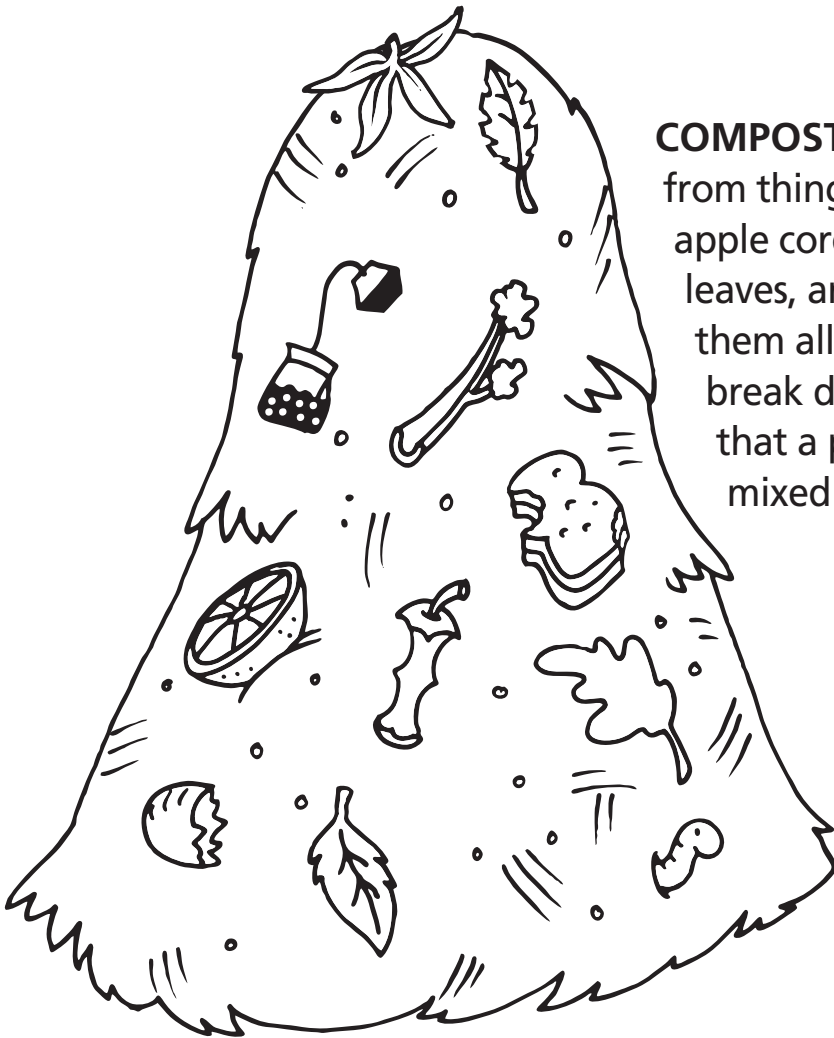


Healthy plants grow to be healthy food!

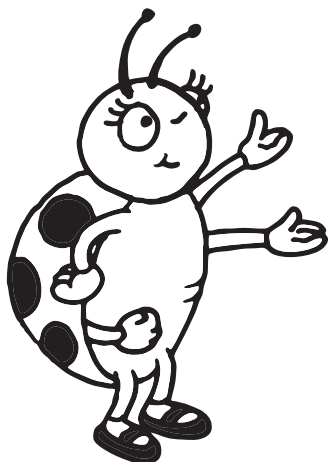
Growing plants need a lot of the same things growing kids do. They need nutritious food, fresh water, room to grow, and sunlight.

Organic farmers feed their plants with natural plant food like compost instead of chemical fertilizers.

COMPOST is a natural fertilizer that is made from things people usually throw away like apple cores, potato peels, tea bags, fallen leaves, and even newspaper. When you put them all together in a pile, they eventually break down and make rich, dark compost that a plant can absorb as food when it is mixed into the soil.



Can you find and circle the 6 things that are different between these two piles of compost?
(Answers on page 11)



Ladybug Facts

1. Ladybugs can eat as many as 5,000 of their favorite food during their lifetime. What is their favorite food?

- Roses Earthworms Aphids



2. Ladybugs are also called Ladybird Beetles.

- True False



3. A ladybug beats its wings how many times each second when it flies?

- 10 85 1,000

4. Ladybugs don't like the cold! They won't fly when it's chilly out (below 55°F).

- True False



5. How many kinds of ladybugs do you think there are in the world?

- 25 5,000 100,000

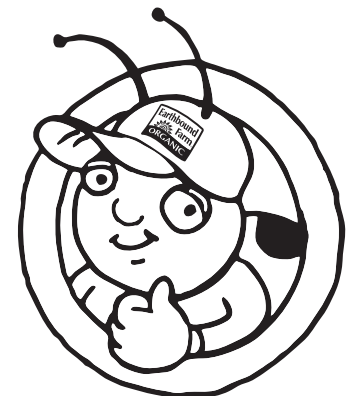
(Answers on page 11)

Q. Are all ladybugs girls?

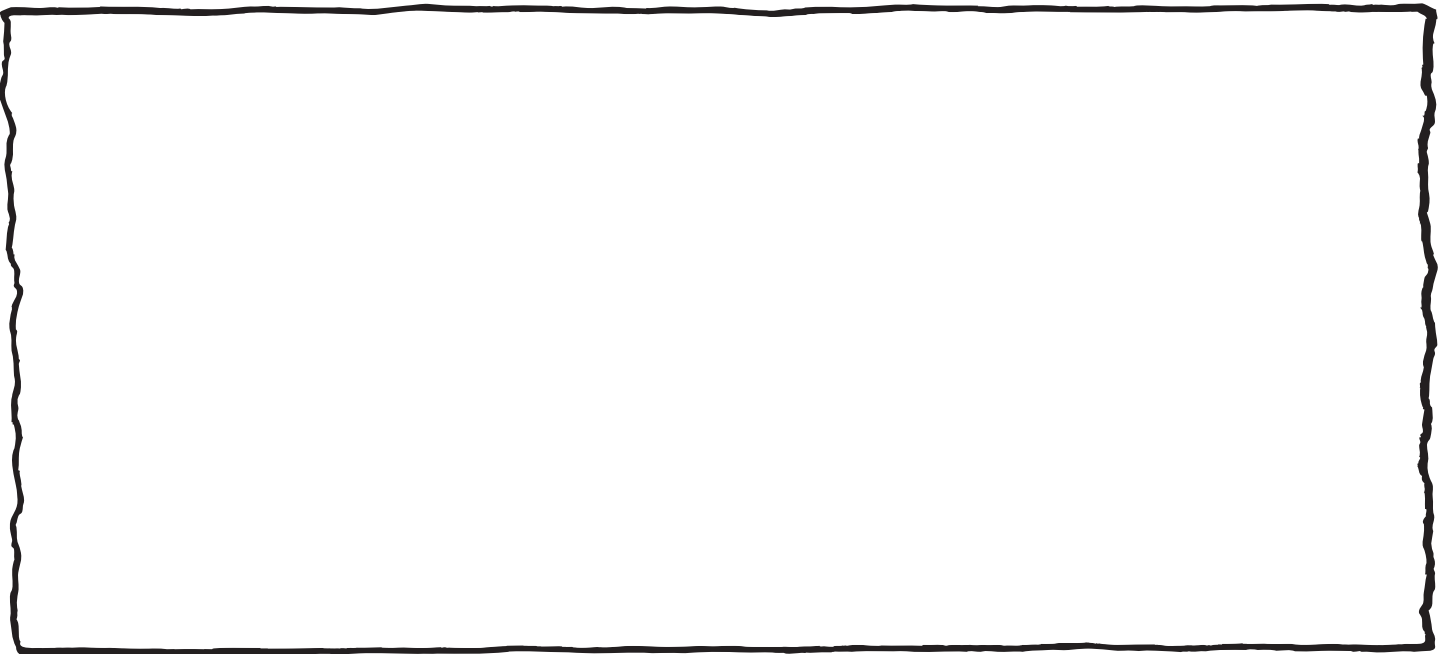
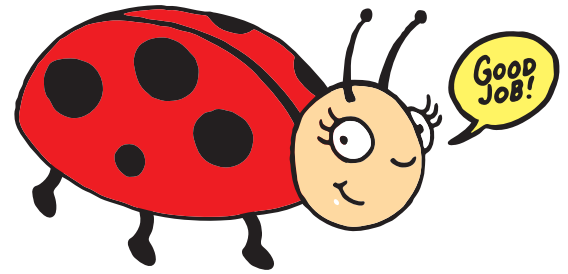
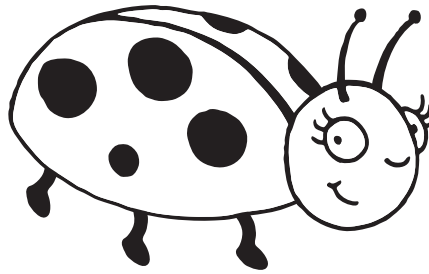
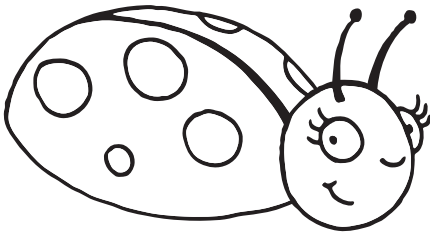
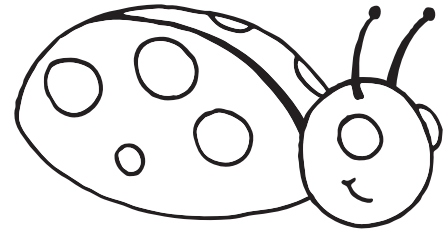
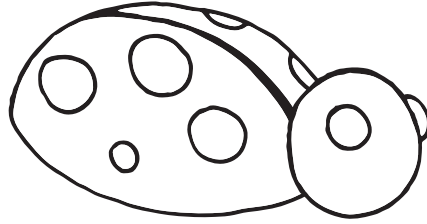
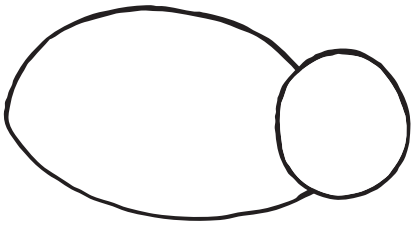
A. No. There are boy ladybugs and girl ladybugs. And yes, boy ladybugs are still called ladybugs! If you're not an entomologist (a scientist who studies bugs) it's almost impossible to tell them apart, but the girls are usually larger than the boys.

Q. Do boy ladybugs eat more aphids than girl ladybugs?

A. No. Adult females can eat up to 75 aphids a day, and males can eat up to 40. That's why organic farmers love ladybugs!



Learn to draw Lilly the Ladybug

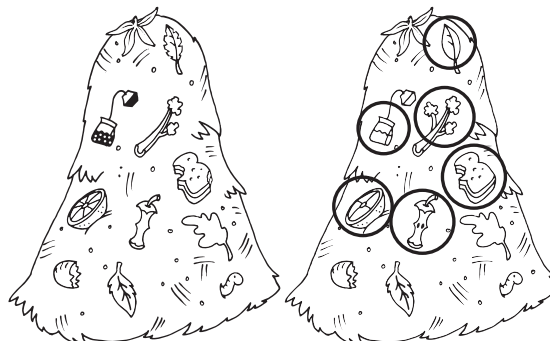


Answers

Page 8

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

Page 9



Page 10

1. Aphids
2. True
3. 85
4. True
5. 5,000



Over 30 years ago down on the farm

Two city kids wanted to farm without harm.
So they shunned all the chemicals they'd come to dread
And turned to organic methods instead.

In Carmel Valley, the little farm grew
For all the right reasons, as everyone knew.
From sweet heirloom raspberries they began to farm greens
And soon everyone wanted their salads, it seemed!

Today our fresh produce feeds folks far and wide,
We're much bigger today, but we're the same inside.
We still care about soil and we care about bees,
We care about birds and we care about trees.

We care about exactly how your food is grown
So we make sure you've got choices in stores near your home.
We hope this all matters, we do it for you
And for our own families and the planet, too.

Please visit us at EarthboundFarm.com
or call 1-888-EAT-ORGANIC



Printing this activity book on recycled paper
with environmentally friendly ink saved:
32 trees | 13 million BTUs (MMBTUs) of energy
14,889 gallons of water | 943 lbs of solid waste
3,302 lbs of CO₂ emissions