## Cross-Curricular Supplemental Activity Packet

## Bug Off



This packet contains classroom activity suggestions and worksheets to reinforce concepts from the Playbook® story and to go beyond the story into the content areas of Language Arts, Math, Science, Social Studies, Art, Health, etc., as well as Character Development.

Activities range in age appropriateness and skill level so that teachers can choose activities that best suit their particular students. An Answer Key is provided on the last page.

## Spell It Out

Here are some vocabulary words from <u>Bug Off!</u> Match the words from the word bank to the definition below. If you get them all right, it will spell two other words. Have fun! Yes, the letter "U" is used twice. It is for the word in the end.

- N. flower
- U. honey
- F. bug
- U. web

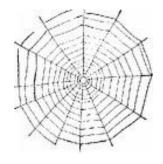
- G. earth
- B. plants
- S. bad
- \_\_\_\_ This is another name for an insect.
- \_\_\_\_\_ This is sweet and bees make it in their beehive.
- \_\_\_\_ A rose is one of these.
- \_\_\_\_ These are things that grow with a little help from bugs.
- \_\_\_\_ A spider makes this.
- \_\_\_\_ This is the name of our planet.
- \_\_\_\_ This is the opposite of "good."



## Phonics

Vowel sounds can be long, like  $\underline{\text{June}}$ , or short like  $\underline{\text{hug.}}$  Below are some pictures. Underneath the picture, write down whether the underlined letters make a long or short vowel sound.

1



w<u>e</u>b

2



ant

3



b<u>ee</u>

\_



b<u>ug</u>

5



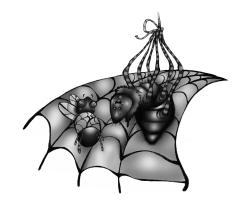
fr<u>og</u>

6



sp<u>i</u>der

## Match the Jobs



Each bug in the story had a different job. Draw a line matching each bug to its job or jobs on the right. Some bugs may have more than one job to match.

1



- A. I dig holes to let in air and water.
- B. I eat bugs on flowers.

2



- C. I mix what is on the ground into the dirt.
- D. I eat dirty things to help make the earth neat.

3



- E. I help plants grow by moving their seeds.
- F. I can be tasty food for a frog, a fish, or even a bird.
- G. I make honey for ants and for you.

4

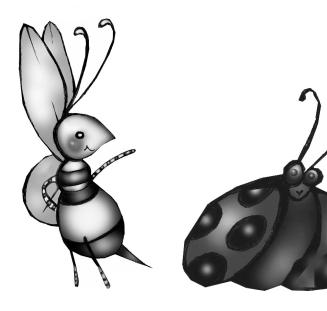


H. I am a treat for spiders to help them grow.

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# Everyone Has Jobs Discussion Prompt For Teacher Use Only

Ask your students what would happen if everyone had the same job. What if people only worked at grocery stores? What would they do when they got sick? There would be no doctors to help them. How would they learn if there were no teachers to teach them? Discuss all of the different jobs people have and how they help their communities.







**Discussion Prompt** 

Social Studies

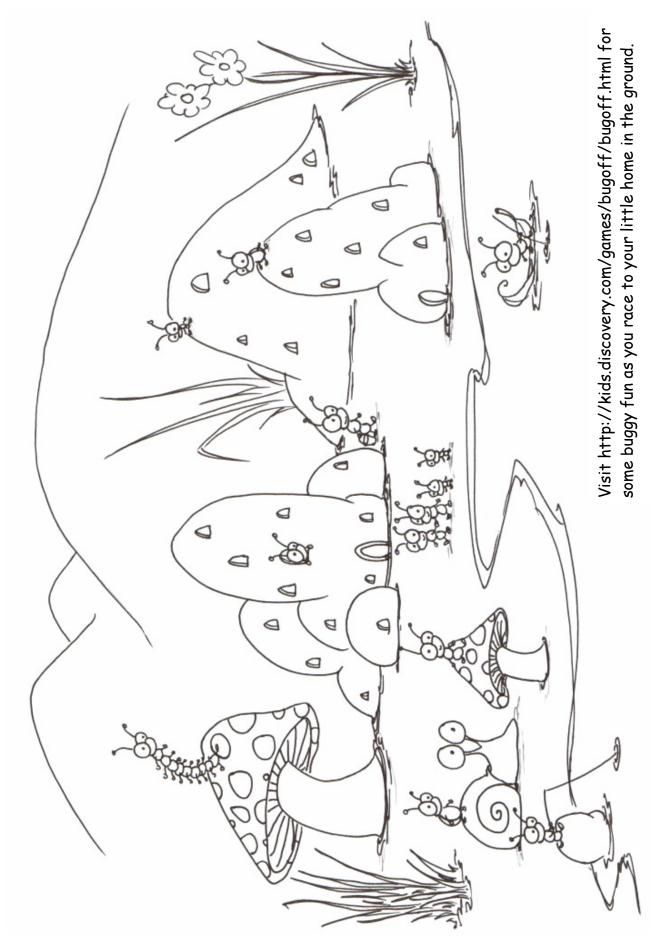
## Your Job at Home



Every bug in the story has an important job. People have special jobs too. In your family, every person has a job to do. What job or jobs do you have at home? Do you have to clean your room every day, or help with the dishes? Take this sheet home and write down the jobs you and your family have at home.

Person	Job

# Color in Bug Town

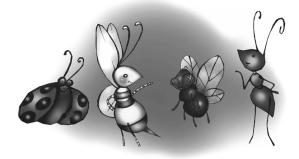


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### Count 1, 2, 3

Let's have some "buggy" fun with addition, subtraction and multiplication.

- 1. The Ant found a yummy piece of cookie. It was too heavy for him to lift by himself. He called 2 of his friends to help him. They brought 2 more friends along with them. How many ants will carry the cookie?
- 2. The Ladybug has 2 wings to help her fly. Each of her wings has 3 black spots. How many spots does she have on her wings?
- 3. The Fly saw 10 spider webs in the garden. The gardener came along and brushed 3 of them away. How many spider webs did the Fly have to be careful of now?
- 4. The Bee loves roses! In Matt's back yard, there are 2 rows of rose bushes. If each row has 4 bushes in it, how many rose bushes are there?
- 5. The Ant, Bee, Ladybug, and Fly told their story to 3 more children that day. The next day, they told their story to 5 more children. Including Matt, how many children were told the "buggy" story?



Name\_\_\_\_

## What Would You Take to a Picnic?

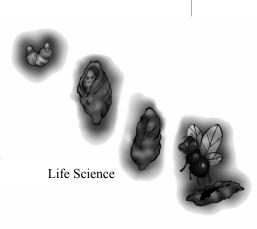


Have you ever been on a picnic? Well, now you get to plan a picnic for you and your friends. What food would you take? Make sure you have a <b>healthy</b> meal. Would you share your food with the bugs? If not, what would you do to keep the bugs from eating your yummy food? Who would you take on your picnic and where would you go? Write neatly and in complete sentences.

## Flies From Yucky Meat?

A long time ago people believed that flies were born from old, spoiled meat. One scientist decided to do an experiment. His name was Francesco Redi. He took old meat and put it in jars with big openings. Some of the jars he left open. Some of the jars he put a screen over the opening. Other jars were completely closed. In the jars that were all the way open, there were flies. In the jars that had a screen for a lid there were only a few flies. Finally, in the jars that were all the way closed there were no flies. After the experiment Dr. Redi knew that flies were not born from old, rotten meat. He knew that only flies could make more flies.

- 1. In the jars that had screen lids, were there hundreds of flies?
- 2. About how many flies were in the jars with screen lids?
- 3. What happened in the jars that were all the way open?
- 4. Were there flies in the jars that were closed tightly?
- 5. Are flies born from yucky, rotten meat?



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## Bug Off Answer Key For Teacher Use Only

### Spell It Out

The answer to the vocabulary spells out FUN BUGS!

#### Your Job At Home

Answers will vary

#### **Phonics**

- 1. Short e
- 2. Short a
- 3. Long e
- 4. Short u
- 5. Short o
- 6. Long i

### Match the Jobs

- 1. D,F,H
- 2. E,G
- 3. A,C

### Math Practice

- 1. 5
- 4. 8
- 2. 6
- 5. 9
- 3. 7

### What Would You Take to a Picnic?

Answers will vary

### Possible Discussion Prompt

Ask your students what would happen if everyone had the same job. What if people only worked at grocery stores? What would they do when they got sick? There would by no doctors to help them. How would they learn if there were no teachers to teach them? Discuss all of the different jobs people have and how they help their communities.

### Flies From Yucky Meat?

- 1. No
- 2. A few
- 3. A lot of flies
- 4. No
- 5. No



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