

Lesson
1

The Black Widow Spider

New Words

fluid

prey

widow

poisonous

scamper

Teaching Tips

- Preview the new words and their definitions on page 10 with students.
- OR**
- Preview the new words and their pronunciations with students. Challenge them to use context clues as they read to determine the meanings of the words in boldface.
 - Have students read the passages in order, as all of the new words are presented in the first passage.

Activating Knowledge

Ask students the following questions before reading the passages:

- Have you ever heard of a black widow spider? Does it sound dangerous?
- Where do you think black widow spiders live?
- What do you think they eat?
- Why do you think they are called black widows?

Materials

- Reading Passages
 - Narrative: Never Sit on a Black Widow Spider..... 8
 - Advertisement: Arachnids 'R Us 8
 - Informational: Amazing Facts About Black Widow Spiders 9
 - Personal Communication: A New Song 9
- Activities
 - Definitions 10
 - Making Associations and Sentence Spiders..... 11
 - Finish the Thought and Yes or No? 12
 - Which Word? and In Your Own Words 13

Not Just Computation

The ideas in math don't only involve addition, subtraction, division, and multiplication. There are also other ideas.

- Line **symmetry** is about “reflection symmetry” or having a “mirror image.” If you draw a line down or across the center of a shape, will it have the same shape on both sides of the line? If so, that shape is **symmetrical**.
- Do you have a **chart** in your classroom that shows who has read the most books to the least? That is called a line chart. There are other charts, too, like pie charts, bar graphs, pictographs, cosmographs, and flowcharts. These tools organize information in ways you can use.
- Is an **estimate** a guess? Yes, but it's an educated guess. For instance, if you had to guess what time you'll go to bed each school night, you'll probably guess within a half hour on either side of the usual time. If you usually go to bed at 9:00, you'll say between 8:30 and 9:30.
- **Patterns** are predictable because they are repetitive. If I say, “John, Ann, Cory, John, Ann, Cory,” what do you predict I'll say next? Patterns are spoken, seen, and heard.
- When your mom buys a bunch of bananas for \$1.49, what might she tell your dad she paid for the bananas? She'll probably say \$1.50. That's **rounding** up. People round numbers up and down because it makes communicating easier.

Finish the Pattern

Draw the next shape in the **pattern**.



Making Associations

invent	inventive	idea	insightful	purpose
curious	insight	purposeful	curiosity	invention

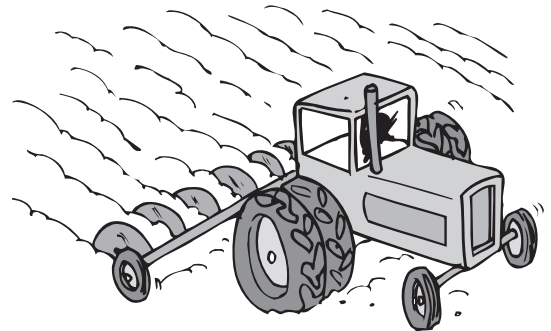
Which word goes with:

1. how you feel about an invention like the paper clip? _____
2. what and why it “killed the cat”? _____
3. what you wish you knew more about? _____
4. actions that people mean to take? _____
5. why you do something? _____
6. what you are when you figure out why someone is sad? _____
7. what you want to have when you look at a device and want to improve it? _____
8. the spark in your brain that says, “Aha”? _____
9. the device you make that’s new or adapted? _____
10. what the Wright brothers did? _____

Think About It

Look at each word pair. Explain why they go together.

1. **invention**/John Deere
2. **curious**/George
3. **idea**/Martin Luther King Jr.
4. **insight**/Walt Disney
5. **purpose**/Betsy Ross



Synonym & Antonym Scramble

Draw a line from each word in the center to its synonym in the left-hand column and its antonym in the right-hand column.

Synonyms

1. well

2. talent

3. disgruntled

4. unrestrained

5. regular

6. worry

dissatisfied

healthy

normal

ability

excessive

obsess

Antonyms

ignore

abnormal

restrained

unfit

satisfied

inability

In Your Own Words

1. Would you like to study child **development**? Why?
2. Are you **dissatisfied** with your grades?
3. What are some **healthy** habits you have or would like to have?
4. What do you think is an **excessive** number of text messages to send in one day?
5. Do you think your family is **normal**?
6. What do you **obsess** about?
7. Describe your **personality**.
8. What do you wish you had the **ability** to do?
9. Do you have a **role model**? If so, who is it?

