

Brief Focus Lesson

Strategy: Use the Pictures . . . Do the Words and Pictures Match? (Grade 5)

Text: *Volcano Alert!* by Paul Challen

CAFE Goal	Accuracy
CAFE Strategy	Use the pictures . . . Do the words and pictures match?
Observe/Relate (1 – 2 min.)	<p>What do you know about how writers create nonfiction books? Usually, they begin by doing a lot of research so they can present interesting facts. To help readers understand the words and concepts, they include pictures, illustrations, diagrams, maps, graphs, and charts. All of these features make it easier to read with accuracy and understanding. If readers do not know some of the words, they can often use the pictures provided.</p>
Teach and Reinforce (2 – 3 min.)	<p>Establish purpose – Today we are learning about the strategy of <i>Use the pictures . . . Do the words and pictures match?</i></p> <p>Create urgency – We ask “Do the words and pictures match?” so we can read with accuracy and understanding.</p> <p>Explicit teacher modeling – If I encounter a word I don’t know in a book with pictures (or illustrations, diagrams, maps, graphs, and charts), I usually follow these three steps: 1) Look at the pictures; 2) Use the pictures to decode any words I am not sure of; and 3) Check that the word I have decoded matches the picture.</p> <p>It’s great to know that whenever I am not sure of a word, I can use the pictures, illustrations, diagrams, charts, and maps in the text to help me.</p> <p>Today I want to share part of a nonfiction book with you. It is called <i>Volcano Alert!</i> by Paul Challen. I’ve always been interested in what happens when a volcano erupts. So, I’ll look for the part of the book that tells about eruptions and turn to it. Demonstrate how you choose the section <i>Busting Loose</i> from the Table of Contents, and then turn to page 12. Display the text on a document camera.</p> <p>First, I’ll look at the pictures and study them to help me understand the idea the writer wants to share. “Based on this diagram, I think the writer wants to show the earth’s layers to help readers understand how volcanoes occur.” Read the first sentence that explains the role of the earth’s core, mantle, and crust in an eruption. Say “I’m not sure of that word spelled <i>m-a-n-t-l-e</i>. Let me try it—<i>m-a-n</i> spells <i>man</i> and if I add <i>-tle</i>, it becomes <i>mantle</i>. Okay, I’ve heard that word—but what does it mean? I’ll look at the picture and read the call-out to be sure.”</p>

	<p>Point out the different parts (<i>core, mantle, and crust</i>) shown in the diagram. “Using what I’ve read and the illustration, I figured out that the <i>mantle</i> is the layer between the earth’s core and the crust. This diagram helps me to understand how the parts fit together and what the characteristics of each part are.” Read the bottom of page 12 and explain that readers will learn more about how an earthquake occurs on the next page.</p>
<p>Practice (2 – 3 min.)</p>	<p>Encourage students to study the illustration on page 13. Write the words <i>divergent</i> and <i>convergent</i> on the board. “Do you know these two words? If these two words are new for you, the illustration can help you to figure out what they mean.” Ask students to decode these two words. Encourage them to break the words into syllables.</p> <p>“On page 13, you will learn about different ways that the plates of the earth move. This part of the text will explain about two types of boundaries. Please read the two paragraphs and think about the pictures.” <i>If your students need additional support, read this page aloud.</i></p> <p>Say, “The author has given us some very important information and illustrations on this page. Write this question on the board: <i>How do the illustrations help you to understand the meanings of the words divergent and convergent?</i>” Instruct students to write their answer on a whiteboard or notebook.</p> <p><i>(Students might respond that the illustrations show that plates are forced apart at divergent boundaries, but they move toward each other at convergent boundaries. The diagram of the divergent boundary shows how the plates move away from each other as indicated by the arrows. The diagram of the convergent boundary shows how the plates move toward each other, causing one to slide under the other).</i></p> <p>Finally, invite them to share their responses. Encourage volunteers to recap how they can use pictures to decode and confirm unknown words.</p>
<p>Encourage and Plan (1 – 2 min.)</p>	<p>We just learned how to use the pictures to help us understand the text. Do you remember the important steps? First, study the pictures. Then, try to decode any new words. Use the graphs, illustrations, charts, or maps that might help you to understand it. Check that the words match the pictures. This is an important strategy that can help us read accurately. It is particularly helpful when you read books about social studies and science.</p>
<p>Common Core Alignment</p>	<p>Most strategies are applicable to all grade levels. Use the pictures . . . Do the words and pictures match? aligns with Standard RL.5.7 on Grade 5 CAFE Menu or CCSS Grade Level Matrix.</p>