Global Book Bag

Title: *The Water Hole*
Author: Graeme Base
Grade Level: 4-5
Global Competence: Explore the world with curiosity

This book leads readers on a remarkable journey around the globe. Each page takes you to a different country or region while introducing a variety of animals through beautiful and detailed illustrations. As animals are introduced in the story and join together at a water hole, what do you think happens to the water in the hole? What will the animals do when there is no more water to satisfy their thirst?

Students will think about the many uses of our world’s most precious resource and reframe the main idea of this story through an activity.

Bag Contents:

- *The Water Hole*
- Pencils and erasers
- Copies of the pre-reading and post-reading worksheets

Directions:

1. *Who needs water? Why do we need water? How do we use water?* These are important questions to think about. Before reading *The Water Hole*, complete the pre-reading worksheet.

2. Read *The Water Hole* and pay attention to the detailed illustrations that tell the story in addition to the words in the text. Notice what happens as more animals gather at the watering hole.

3. Gather the needed materials on the post-reading worksheet and get to work!

Extended Learning

1. Watch the following 14-minute video titled “Water – Who Needs it?” and discuss what you learned.

   https://www.youtube.com/watch?v=l67HwLegDLE
Talk about why you think this information is important for global citizens. Try one of the experiments or suggestions from the video.

2. How much water do we really use every day? Watch this 3-minute video and discuss what you learned.

   https://www.youtube.com/watch?v=On9WRrFHVjY

Make a list of all the things you did today that consumed water. Then list all the ways that you can conserve water.

3. Read information presented on the web page titled “Why Water is Important”:

   https://online.kidsdiscover.com/unit/water/topic/why-water-is-important

Then look for more information about water to share with your family and classmates.

4. Discuss what it means to “explore the world with curiosity.”
The Water Hole: Pre-reading Activity

Before reading the book, fill out this worksheet by writing words and/or drawing pictures to answer the question.

<table>
<thead>
<tr>
<th>Who needs water?</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Why do we need water? How do we use water?</th>
</tr>
</thead>
</table>
The Water Hole: Post-Reading Activity

To represent the effects of many animals drinking from one water source, complete the following assignment.

1. Gather a bowl of water, ten drinking cups of different sizes, and a measuring cup (¼ cup is preferred, but any size will do).
   - bowl = watering hole
   - cup = animal
   - ¼ cup measuring cup = a sip of water

2. Start with one cup representing one animal. Write the name of the animal next to number 1 in the chart below.

3. Scoop water from the bowl using the measuring cup. Each scoop represents a sip of water for the animal. Scoop enough water until the animal is full (or you run out of water). Count the scoops and add the number to the second column in the chart below.

4. Continue scooping water to fill additional cups (animals), and add the information to the chart. When the water runs low in the bowl (watering hole), simulate a rainstorm or water replenishing the hole from groundwater sources by emptying the first cup back into the bowl. Keep scooping and recording information until you get to 8 animals.

<table>
<thead>
<tr>
<th>Number of Animals (cups) Drinking</th>
<th>How Many Sips Did Each Animal Get To Drink? Measure with the ¼ cup</th>
<th>Draw Your Findings Here</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>____ sips</td>
<td>[Picture of cup]</td>
</tr>
<tr>
<td>2</td>
<td>____ sips</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>____ sips</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>____ sips</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>____ sips</td>
<td></td>
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<tr>
<td>6</td>
<td>____ sips</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>____ sips</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>____ sips</td>
<td></td>
</tr>
</tbody>
</table>

**Think about these questions:** Did all animals get the same amount of water? What was the cause for this? How does this experiment reflect water use at home and in our communities? How can we ensure there is enough water for everyone and for future generations?