






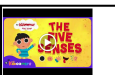


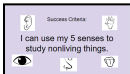




UTK Unit 1 We Are Scientists!

Lesson 18

 Phenomenon: Non Living things are all around us.	 Question to Investigate: How do scientists use their 5 senses?	 Lesson Objective: Students use their 5 senses to observe rocks to get a deeper understanding of the characteristics of nonliving things.
<div style="display: flex; justify-content: space-between; align-items: center;">  Success Criteria: I can use my 5 senses to study nonliving things.  </div>		

Launch	
	<p>We have learned a lot about what Scientists do so far in our unit. Can you name some of the things that we have done just like scientists? Expected responses: sort, observe, sing, draw, make models, etc.</p> <p>Let's remember that our Essential Question is: What do Scientists do?</p>
	<p>Let's sing our new song that we have written. Do you have any new ideas to add to our song?</p>
	<p>Singing Scientist, I have another song for you. This song is by The Kiboomers and it's about our 5 senses. Does anyone know anything about our 5 senses? Facilitate discussion.</p> <p>Introduce class to the new song/video entitled, The Five Senses, by The Kiboomers</p>
	<p>Our five senses, seeing, hearing, tasting and touching help us to learn about our surroundings. These senses are essential for scientists to learn about things. As we read Charlotte and The Rock by Stephen W. Martin, think about our Question to Investigate: How do scientists use their 5 senses?</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Note: Stop on the page where her parents give her a pet rock and ask the children if this is what Charlotte wanted? Has anyone had a pet rock?</p> </div> <p>Facilitate a book discussion.(Possible questions to ask)</p> <ol style="list-style-type: none"> 1. What is the difference between the pet Charlotte wanted and the pet rock she was given? 2. Why do people want pets? 3. What do pet rocks do? 4. What is the big surprise at the end of the story?
Explore	
	<p>It's time for us to take an up close look at rocks, using our 5 senses. You will all get your own rock. In groups, you will study your rocks according to one of the 5 senses. Each group will have a different sense to focus on. Together you'll need to take notes or draw pictures about your rock using the sense that your group has been assigned.</p> <p>Let's study the sense of taste together. What do you think your rock tastes like? Even if we are not willing to actually taste the rock, we probably know about its taste and where</p>

	<p><i>the rock may have come from so that we can make an educated guess about what it might taste like.</i> If you wash the rocks beforehand, you may have some brave souls who are willing to taste the rock.</p>
	<p><i>I can use my 5 senses to study nonliving things.</i></p>
	<p><i>Great job using your sense of taste or approximating your sense of taste and studying the rock I gave you. Now, let's get into groups and study the rocks using our other 4 senses. Come back and be ready to share your findings. Five Senses Group Assignment Journal</i></p> <p>Record the work or organize the work of each group on this chart or one like it. Save the rocks for an art project in our next lesson.</p>
<h2>Reflect</h2>	
	<p><i>How did you use your five senses to observe the rock?</i></p>