
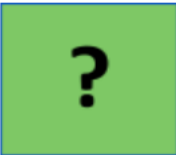



WEEK 1 Studios





Weekly Question

How do we want to work and learn together this year?

Big Ideas	We all learn. We can learn different things, in different ways, for different reasons. Communities can include and support all learners.
Materials and Preparation	<p><u>For the Math Studio:</u></p> <ul style="list-style-type: none"> • 20 rocks (size, shape, color) (Buttons, shells, counters can be used as an alternate material). • Containers for sorting • Paper / markers / tape <p>Meaningful counting is developing learning around ordering and sequencing numerically. This can be done by reciting numbers in their natural order to help with memorization. These can then be applied to physical objects or images etc. Counting and Cardinality are essential skills for the foundation of place value.</p>
Opening	<p>Hold up a basket of rocks while introducing the counting studio.</p> <p><i>Rocks come in all different shapes and sizes. When we talk about the specific identifiers of an object, we call that an attribute. Here is a collection of rocks. What attributes do you notice about my rocks? What attributes can we sort them by?</i></p>
Math	<p><u>Objectives:</u></p> <p>I can use attributes to sort objects.</p> <p>I can compare quantities.</p> <p><u>Process:</u></p>

Studio U1 W1

	<p>Rocks and containers are placed on a table. Students explore the rock collection and determine the attributes that they would like to sort the rocks by. Encourage students to label their collections by writing the name of the attribute on a piece of paper and place it by the collection.</p> <p>Students use counting techniques to find the total of items in each category. Share your findings with others. Does one group of rocks have more than another?</p> <p><u>Facilitation:</u></p> <p><i>What is an attribute that I can use to sort these rocks?</i></p> <p><i>How many rocks are in each group?</i></p> <p><i>How does the amount in this category compare with the amount in other groups?</i></p> <p><i>How can you represent this information to share with others?</i></p> <p><u>Ongoing Assessment:</u></p> <ul style="list-style-type: none"> ● Has one to one counting accuracy ● Discriminates between attributes ● Counts accurately
Standards	<p>GR.C.1 Identify, describe, analyze, compare, create, and compose shapes based on their attributes.</p> <p>2.G.A Reason with shapes and their attributes.</p>