

Math & Science Collaborative Lesson Plan



Northwest Educational
Service District 189

Together We Can

Lesson Title: **Position Terminology**

<p>Unit Learning Target (Standard/Performance Expectation(s)) Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as <i>above, below, beside, in front of, behind, and next to</i>.</p>		
<p>Building Block or Lesson Learning Target: Place and describe pattern block shapes in a variety of positions relative to a given place or point.</p>	<p>Student Success Criteria: The students will locate a mark on a paper and will place and say how given pattern blocks relate to the given mark.</p>	
<p>Previous Lesson Learning Target: Identify personal position and/or place an object and/or draw an object's position relative to the teacher.</p>		
<p>Target Introduction/ Thinking Question * "Show me:" Above you? Below you? Beside You? In front of you? Behind you? Behind you? Next to you?</p>		
<p>Lesson Progression (Flow) with Talk-Structures (Student Discourse)</p> <p>Using a pattern block, the student will place it above, below, beside, in front of, behind, and next to something when asked.</p> <p>Students will ask their partner(s) to place a pattern block above, below, beside, in front of, behind, next to something.</p> <p>Students will be given a paper with a drawn object on it and explain how it is located relative to the middle of the paper.</p> <p>Given pattern blocks, students will place them in correct positions relative to a given position.</p>	<p>Key terms for this lesson above, below, beside, in front of, behind, next to square, triangle, rhombus, trapezoid, hexagon</p>	<p>Formative Task or Question* <i>Designed to elicit student misconception(s)</i> Put this block next to <u>you</u>, above <u>you</u>, below <u>you</u></p>
	<p>Forms of Student Discourse to include: group talk partner talk observation</p>	
<p>Lesson Closure Talk with your partner about positions, then take turns placing objects above, below, beside, in front of, behind, and next to each other of you.</p>	<p>Exit Task* Given a paper, the student will place an object in various positions when asked.</p>	

Math & Science Collaborative Lesson Plan



Lesson Title: **Position Terminology**

<p>Do the Math for the Thinking Question</p> <p>All positional placements for this lesson. No arithmetic needed.</p>	<p>Lesson Anticipated Misconceptions:</p> <p>Unable to identify above, below, beside, in front of, behind, next to</p> <p>Unable to place an object above, below, beside, in front of, behind, next to a given place or person.</p>
<p>Lesson Instructional Adjustment(s) (if needed) <i>Tied to common misconception(s)</i></p> <p>More experience with positions in relation to self.</p>	<p>Manipulatives and materials to include and have ready to support the lesson *</p> <p>Pattern blocks</p> <p>Geometry stamps</p> <p>Paper and pencil</p>

* Opportunity for formative assessment