Hurn 6th grade Math 1st, 2nd, 4th, 5th	Monday 3-14	Tuesday 3-15 SUB IN PM	Wednesday 3-16	Thursday 3--17	Friday 3-18
Objective		Content: I can demonstrate application of writing expressions with variables by discovering the formula for finding the area of a triangle. Language: I can orally explain what the variables h and b stand for in the triangle formula using the frame, "The variables h and b stand for.."	Content: I can demonstrate application of finding the area of a triangle by solving problem 2.2 Language: I can write to describe how changing the orientation of a triangle with affect the base, height and area using the frame, "Changing the orientation of a triangle will affect the area because the.."	Content: I can demonstrate application of triangle families by completing problem 2.3 Language: I can orally explain how to group different triangles into groups (families) using the frame, "The different triangles can be grouped according to.."	Content: I can demonstrate synthesis of area of triangles by creating triangles with given conditions. Language: I can write to explain what condition for a triangle produces triangles that will have the same area using the frame, "The condition that when the same will produce the same area of a triangle is.. that is true because.."	Content: I can demonstrate knowledge of formulas with variables and finding area of a triangle by passing the quiz. Language: I can explain how the formula is helpful when finding the area of a triangle using the frame, "The formula is helpful when finding the area of the triangles because.."
Big Idea (warm-up)	Discovering the formula for finding the area of a triangle as it relates to the area of a rectangle.	Finding area of triangles	Grouping different triangles into categories	Drawing triangles according to conditions and finding the area. Making connections between what makes two triangles have the same area.	Quiz on Investigation 2
Vocabulary					
Differentiated Instruction/ Class set-up	Small Group	Small Group	Small Group	Small Group	Small Group
CCSS	6.EE.A.2a Write expressions that record operations with numbers and with letters standing for numbers. 6.EE.B.6 Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specific set. 6.G.A.1 Find the area of a right triangle, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.				
Supplemental Class 6th hour	Extra examples of the chapter, NWEA skills, school store work.				