



## Lesson Plan Template

<b>Teaching Artist: Gina Rice</b>	<b>Project: M.C. Escher inspired Tessellations</b>
<b>Grade Level:4-5</b>	<b>Core content: Math</b>
<b>Summary of the Lesson:</b> Students will examine the works of M.C.Escher and then create a tessellation of their own design that will fit into a square format of repeating tile patterns. Students will learn about repeating shapes and patterns, symmetry and engage in problem solving skills to create a repeating paper tiled tessellation.	
<b>Vocabulary:</b> Quadrilateral Trapezoid Parallelogram Symmetry Composition pattern	<b>Materials:</b> Scrap paper Good paper Tape Pencil Colored pencils markers



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### ARTS LESSON STRUCTURE: Attention, Review, Teach, and Support

#### **ATTENTION** How will you prepare the students for the lesson?

Students will watch a PowerPoint about artist M.C. Escher and an animated short film about tessellations. I will demonstrate how to begin to figure out a repeating pattern design, how to transfer that design on the paper and coloring techniques.

#### **REVIEW:** What will you review? What is the academic vocabulary for the lesson?

I will be reviewing geometric shapes and ideas throughout the project.

#### **TEACH:** What will you do to teach the content?

I will demonstrate hands on techniques so that each student has a clear understanding of the project and how to successfully execute their unique ideas.

#### **Support:** What will you assign the students to complete and how will you support their learning?

Students will first create a small example of their repeating tile, then they will transfer that design on to their big paper and add color to make them beautiful. At the end of this project each student will have an original tessellation repeating pattern on 12 X 12 paper of their own.