

2ND GRADE ROTATIONAL HEX DESIGN LESSON PLAN

Name: Sarah Lloyd

Time: 2 x 40 minute classes

Grade Level: 2nd

<p>LESSON FOCUS or MAJOR GOAL: In this lesson, students will be introduced to the Pennsylvania Dutch who created large Hex Designs that they hung on their barns, as well as the meaning of the word "Hex" to in both different cultures and in art and math. They will relate the six sides of a hexagons to Hex designs having six sections, and will then create their own Rotational Hex Designs using pencils and markers.</p>	<p>PREVIOUS ASSESSMENT INFORMING INSTRUCTION: Students have drawn several projects throughout the year using colored pencils, crayons and markers for varying projects. This cross-curriculum lesson spans across not only history/social studies, but also math and builds upon their use and understanding of patterns and symmetry.</p>
<p>OHIO CONTENT STANDARDS: 4PE Identify the purposes for creating art objects from various cultures. 1PR Demonstrate increasing skill and craft in the use of art materials and tools.</p>	<p>ASSESSMENT of STUDENT LEARNING: Students will be assessed using a checklist worth 5 points. Formal, summative assessment, written feedback.</p>
<p>LEARNING and ACADEMIC LANGUAGE OBJECTIVES:</p> <ol style="list-style-type: none"> The students will view a PowerPoint and learn about the Pennsylvania Dutch and the reasons they created Rotational Hex Designs, they will also learn the duplicitous meaning of the word ‘hex’ and be able to relate the Hex designs of the Pennsylvania Dutch to the shape of a hexagon The students will use a six sectioned circular template to design their own Pennsylvania Dutch inspired Rotational Hex Designs. 	
<p>MOTIVATIONAL TECHNIQUES: Teacher will discuss the Pennsylvania Dutch a little, letting them know how close we are to the areas best known for the Pennsylvania Dutch culture, Southeastern Pennsylvania, Lancaster County being the most popular with all of its tourist attractions, Hershey Park being one of them. The teacher will then show the PowerPoint explaining the Hex designs that the Pennsylvania Dutch used to use and relate their designs to rotational symmetry and the hexagon shape.</p>	
<p>INSTRUCTIONAL STRATEGIES/PLANNED SUPPORTS:</p> <ol style="list-style-type: none"> Teacher will display a PowerPoint introducing the students to the Pennsylvania Dutch who created large Hex Designs that they hung on their barns, as well as the meaning of the word "Hex" to in both different cultures and in art and math; they will relate the six sides of a hexagons to Hex designs having six sections. Teacher will advise students to use their templates with six sections and to create a design in one section by drawing and using stencils if they wish. Teacher will advise students that they then must recreate the EXACT same design in the remaining 5 sections. Teacher will advise students to then trace their sections and shapes with black sharpie and then color in their designs using the same color schemes in all 6 sections. Teacher will walk around and assure that students are understanding the objective and are following along the directions well and assist where needed. Any student needing more time to create their design or to trace and color will be given time in the next class. It is not expected for any student to finish this project in one class, but if they should they will be given time to free draw as they wish at a separate table so as not to disturb those still working on the project. <p>Materials: 9"x12" paper, stencils, pencils, erasers, markers.</p>	<p>LEARNING TASKS:</p> <ol style="list-style-type: none"> The students will view a PowerPoint introducing the students to the Pennsylvania Dutch who created large Hex Designs that they hung on their barns, as well as the meaning of the word "Hex" to in both different cultures and in art and math; they will relate the six sides of a hexagons to Hex designs having six sections. The students will then use their templates with six sections and to create a design in one section by drawing and using stencils if they wish The students will then recreate the EXACT same design in the remaining 5 sections. The students will then trace their sections and shapes with black sharpie and then color in their designs using the same color schemes in all 6 sections. Students will commence with clean up at 3 till the end of class.
<p>CLOSURE ACTIVITY: Teacher will recap what they have learned that day and make sure they are aware of what is needed to be done to complete in the next class.</p>	