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| **Grade** | **Content Areas Being Integrated** | |
| **5th** | **Visual Arts and Math** | |
|  | **Arts Discipline** | **Other Content Area** | |
| **Standards**  **Addressed in the Integrated Lesson/Activity** | Develop Perceptual Skills and Visual Arts Vocabulary2.1 Use one point perspective to create the illusion on space. | **Classify two-dimensional figures into categories based on their properties:**  3. Understand that attributes belonging to a category of two dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles and squares are rectangles so all squares have four right angles.  **CCSS Writing**  4.Produce clear and coherent writing (including multiple-paragraph texts)in which the development and  organization are appropriate to task, purpose, and  audience | |
| **Student Objectives in Each Discipline** | Students will make a drawing of their bedroom by using one point perspective and applying geometric shapes to design their room. | Students will learn different geometric shapes by drawing with given lengths accurately using geometric units.  Students will use the computer to develop a precise description of their dream room. | |

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| **Integrated Student Objective** | ***What is the objective of the integrated activity? Look at connections being made between the two content areas.***  Students will be able to apply visual arts to understand the concept of geometric shapes to sketch a room by using one point perspective to create the illusion on space plan. |
| **Essential Question** | ***What is the question you want the students to be able to answer at the end of this lesson?***  How can I use one point perspective to create the illusion on space by using geometric shapes and units of measurements to draw a room. |

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| **Materials/Resources** |
| Math textbook , Topic rulers glue  Color pencils graph paper construction paper  Internet magazines |
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| **Lesson/Activity Description** |
| * Introduce project by showing floor plans and other scaled drawings. * Have students identify any geometric shapes that they might notice on the layouts * Have students identify the one point perspective to create the illusion of space * Have students make a list of things that they need in their bedrooms and a list of things that they would like to have. * Demonstrate how to measurement using a ruler or yard stick. Ask students: Which would be easier to use to measure your   room? Units of measurement: feet, yard, feet, inches, centimeter, millimeters  Homework assignment: Have students measure, sketch and analyze any geometric shapes found in their bedroom. Also, they need to focus on using the one point perspective to create the illusion on the room.  **Activities**  1. Have students draw a scaled drawing using graph paper and the measurements from their room. Include doors, closets, and window placements. They must use one point perspective to create the illusion of the room  2. Students will also draw furniture to scale using their list of things they “need” to have for their bedroom. Students need to use geometric shapes with the correct measurements to create these items  3. All students will write a brief description of their room and type it using word processing software on classroom computer. |