**Nesting Bowls  
High School, 9-12 Grade  
Second Period Design and Media**

1. **Standard**
   1. C.1.3 Analytical Choices
      1. Understand, recognize, and use the elements, organizational principles, patterns, relationships, techniques, skills, and applications of the visual, performing, or applied arts discipline.
   2. P.1.2 Elements
      1. Demonstrate skillful use of appropriate vocabularies, tools, instruments, and technologies of the visual, performing, or applied arts discipline.
   3. R.1.4 Analyze
      1. Experience, analyze, and reflect on the variety of meanings that can be derived from the results of the artistic/creative process.
2. **Objective/Benchmark**
   1. Students will be able to design and fabricate nesting bowls.
   2. Students will experiment with glaze to create differently glazed bowls.
   3. Students will use math to figure out the ratios of sizes for each bowl, so that they can properly nest.
3. **Anticipatory Set/Motivation**
   1. Students will be expected to motivate and complete the project for a grade.
   2. Basic clay skills will be needed to complete the project.
   3. High school math skills will be needed to figure out dimensions of bowls.
   4. Visual aids included will be a PowerPoint presentation.
4. **Supply List**
   1. Basic Clay Tools
      1. Cutting utensil, scoring utensil, water bowls/cups
   2. Clay
      1. For body
      2. For slip
   3. Variety of glazes
      1. Multiple colors
      2. Multiple textures
   4. Kiln
   5. Newspaper
      1. To cover tables
   6. Visual materials
      1. PowerPoint
5. **Model the Process**
   1. Criteria
      1. 3 closely sized bowls, able to “nest” (sit comfortably) together
         1. Bowls must be no smaller than 1” and no larger than 5” in diameter.
      2. Each bowl must be glazed/decorated differently than the other two
   2. Task Analysis
      1. BELLWORK
         1. What does craftsmanship mean?
         2. What does it mean to use your time wisely/efficiently?
      2. Students will be given an instructional handout on the steps of the project
         1. Choose shape of mouth of bowl.
         2. Draw out bowl shape in three different sizes, no smaller than 1 inch and no bigger than 5 inches
         3. Get designs/drawings approved.
         4. Roll out slab of clay (1/2” thick)
         5. Cut out rectangle of clay to form bowl walls.
         6. Use drawings as a template for forming the bowl walls.
            1. Score and slip edges of rectangle together to form one solid wall.
         7. Use wall to trace a shape for the bottom on a slab of clay.
         8. Score and slip the bottom to the walls.
         9. Lightly write name and hour on bottom of bowl using scratch tool
         10. Repeat steps 4-9 for other two bowls.
         11. Ensure all bowls fit (nest) together loosely.
         12. Once fired, choose three glazes or patterns for the bowls.
             1. **DO NOT GLAZE THE BOTTOM OF YOUR BOWLS**
      3. Students will be shown various examples of nesting objects via a computer projection
   3. Vocabulary
      1. Nesting
      2. Slip
      3. Score
      4. Glaze
      5. Kiln
      6. Fire
      7. Clay
      8. Design
      9. Slab
      10. Rollout
   4. Demonstration
      1. PowerPoint will be shown.
      2. Teacher will demonstrate steps 4-9.
      3. Questions?
6. **Check for Understanding**
   1. See rubric
7. **Monitor and Adjust**
   1. Additional time will be allotted or taken away as needed for the entire class based on progress.
8. **Accommodations**
   1. Accommodations with be made on a one by one basis as needed.
9. **Closure and Assessment**
   1. Students will be expected to complete the project in a timely manner.
   2. Assessment will be based on turning the project in.
      1. It will be graded based on the rubric.
10. **Rubric**
    1. See attached

**Nesting Bowl Rubric**

**Criteria Points**

1. Design drawings /20
2. Three bowls /20
3. Each bowl differently sized /20
4. Bowls nest loosely /20
5. Bowls are all constructed the same way /20
6. Bowls are differently finished (glazed/patterned) /20
7. Name and hour is on drawings and bottoms of all three bowls /20
8. Cleanup /20
9. Craftsmanship /20
10. Time Management /20

**TOTAL: /200**