

University of Mary Division of Education

Lesson Plan Format

Grade Level: 3rd

Subject(s) Area: Math/Movement

Materials Needed:

- Data sheets
- Pencil
- Clipboards
- Tape/Chalk

Standards:

- 3.MD.8 Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different area or with the same area and different perimeters.
- 3.MD.5 Recognize area as an attribute of plane figures and understand concepts of area measurement.
- 3.MD.7 Relate area to the operations of multiplication and addition.

Objectives:

- Students will demonstrate their knowledge of area and perimeter.
- Students will apply their knowledge of area and perimeter to real world application

Learning Activities:

- There will be a couple of shapes taped to the floor of the classroom for the students to review the area and perimeter
 - Students will be shown how they should measure for the later activity (each group will get different numbers for side lengths)
 - Students will walk me through how to get the area and perimeter after we have measured the shapes
- Students will be given items outside that they will need to find A&P of (playground equipment, pre-drawn shapes on sidewalk, etc.).
 - Students will be paired for this activity
 - They will be given a sheet to record their data on
 - When the class has completed this assignment we will come back together as a class and discuss the possible number differences in their measurements

Assessment:

- Students will be assessed on participation of activity
- Students data sheet will be looked over for accuracy

Reflection:

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