Unit 4d-Equal Shares Of Circles And Rectangles

Content Area: **Mathematics**
Course(s): **Math 1**
Time Period: **Marking Period 4**
Length: **MP4 Topic 15 15-1 to 15-4**
Status: **Published**

Essential Questions

- What are some different names for equal shares?

Big Ideas

- Equivalence: Any number, measure, numerical expression, algebraic expression, or equation can be represented in an infinite number of ways that have the same value.
- Comparison and Relationships: Numbers, expressions, measures, and objects can be compared and related to other numbers, expressions, measures, and objects in different ways.
- Geometric Figures: Two- and three-dimensional objects with or without curved surfaces can be described, classified, and analyzed by their attributes. An object's location in space can be described quantitatively.
- Practices, Processes, and Proficiencies:Mathematics content and processes can be applied to solve problems.

CSDT Technology Connection

8.1.2.D.A.2 Store, copy, search, retrieve, modify, and delete data using a computing device.

Enduring Understandings

Geometry

1.G.A Reason with shapes and their attributes.

1.G.A.3 Partition circles and rectangles into two and four equal shares, describe the shares using the words *halves*, *fourths*, and *quarters*, and use the phrases *half of*, *fourth of*, and *quarter of*. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.

Climate Change

Technolgy: Cross-Curricular

8.1.2.DA.2: Store, copy, search, retrieve, modify, and delete data using a computing device.

- Activity: Students will use the class rotation chart on Google Slides to complete rotations/stations.

Mathematical Practices Focus

MP.1 Make sense of problems and persevere in solving them.

MP.2 Reason abstractly and quantitatively.

MP.3 Construct viable arguments and critique the reasoning of others.

MP.4 Model with mathematics.

MP.5 Use appropriate tools strategically.

MP.6 Attend to precision.

MP.7 Look for and make use of structure.

MP.8 Look for and express regularity in repeated reasoning.