

1st Grade Unit 3: Shapes and Fractions

Unwrapped Skills (Depth of Knowledge Level)

- COMPOSE=(Level 3)
- CREATE=(Level 4)
- COMPOSE=(Level 3)
- PARTITION=(Level 2)
- DESCRIBE=(Level 1)
- USE=(Level 1)
- DESCRIBE=(Level 1)
- UNDERSTAND=(Level 4)

Unwrapped Concepts

- COMPOSE 2D shapes or 3D shape
- CREATE a composite shape
- COMPOSE new shapes from composite
- PARTITION circles and rectangles into 2 and 4 equal shares
- DESCRIBE shares by using halves, fourths, and quarters.
- USE half of, fourth of, and quarter of
- DESCRIBE whole as 2 of or 4 of the shares.
- UNDERSTAND decomposing into more equal shares creates smaller shares.

Unit Vocabulary

circle - a 2D shape with no sides and no vertices.

cone - a 3D shape with a round base and a point at the top.

cube - a square 3D shape such as a box.

cylinder - a 3D shape with flat circular ends and a curved surface such as a tube.

half-circle - one of 2 equal parts of a whole circle.

quarter-circle - one of four equal parts of a whole circle.

rectangle - 2D shape with 4 sides and 4 square vertices.

rectangular prism - a rectangular 3D shape such as a brick.

sides - the line segments that form shapes.

sphere - a round 3D shape such as a ball.

square-2D shape with 4 equal sides and 4 vertices

regular shapes-circle, square, rectangle, triangle, trapezoid, half circle

trapezoid - a 4-sided 2D shape that has exactly one pair of parallel sides.

triangle - a 2D shape with 3 straight sides and 3 vertices.

two--dimensional - lying on a flat level. 2D

vertex/vertices - a point where 2 or more straight lines meet. A corner.

three-dimensional - a solid shape that has length, width, and height. 3D

equal - a number or amount that is the same as.

equal parts - parts of an object or group that have been divided equally into pieces.

equal shares- shares of an object or group that have been divided equally into pieces

fourth-of - **one** of four equal parts of a whole; four equal parts.

half-of - **one** of two equal parts of a whole; two equal parts.

unequal parts - parts of a whole that are not the same size.

whole - the full amount.

quarter - one of four equal parts of a whole.