

Week Ahead

Class: 8th, 7th, 6th, 5th, & 4th Grade
Week of 01/05-08/2020.

Date: January 5th, 2021
This week we focus on:

MATH – 8TH Grade

8.G.C.9: TSW solve real-world and mathematical problems involving area, surface area, perimeter, and volume of different figures.

- Define basic vocabulary for these lessons
- *I-Ready Louisiana*, Math workbook: Complete lesson 26 & 27, pages 220 -235.
- Work on IXL diagnostic for at least 10 min/day.
- Work on IXL assignments: Geometric measurement, T.9-T.13, (Smart Score 85%).

Vocabulary: Two- and three- dimensional figures, polygon, triangle, square, rectangle, quadrilateral, parallelogram, circle, geometric measurements, length width, area, surface area, perimeter, volume, circumference, diameter, radius.

Homework: Complete working on IXL: Transformation and similarity, Q.1-Q.5.

Test Thursday.

Review this online reference: <https://www.skillsyouneed.com/num/polygons.html>

MATH – 7th Grade

7.G.B.4. TSW know the formulas for the area and circumference of a circle and use them to solve problems. 7.G.B.6: TSW solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.

- Define basic vocabulary for these lessons
- *I-Ready Louisiana*, Math workbook: Complete lessons 20 & 21 pages: 188-209.
- Work on IXL diagnostic arena for at least 10 min/day.
- Work on IXL: Geometric measurements, AA.7-AA.14 (Smart Score 85%).

Vocabulary: Two and three-dimensional figures, polygon, triangle, square, rectangle, quadrilateral, parallelogram, circle, geometric measurements, perimeter, area, volume, surface area, circumference of a circle, & composed figures.

Homework: Complete working on IXL: Two dimensional figures, W.8-W.12.

Test Thursday.

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MATH – 6th Grade

6.G.A.1: TSW find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes. 6.G.A.2: TSW find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = l * w * h$ and $V = B * h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.

- Define basic vocabulary for these lessons
- *I-Ready Louisiana*, Math workbook: Complete lessons 22, pages: 220-229.
- Work on IXL: Geometric measurement: FF.1-FF.8 (Smart Score 85%).

Vocabulary: Two and three-dimensional figures, polygon, triangle, square, rectangle, quadrilateral, parallelogram, circle, geometric measurements, perimeter, area, volume, surface area, length, width, height.

Homework: Complete working on IXL: Two dimensional figures, CC.9-CC.13.

Test Thursday.

Review this online reference: <https://www.skillsyouneed.com/num/polygons.html>

MATH – 5th Grade

5.NBT.B.5: STW fluently multiply multi-digit whole numbers using the standard algorithm. 5.NF.A.1: TSW add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, $\frac{2}{3} + \frac{5}{4} = \frac{8}{12} + \frac{15}{12} = \frac{23}{12}$. (In general, $\frac{a}{b} + \frac{c}{d} = \frac{ad + bc}{bd}$.) 5.G.B.3: TSW understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. 4.MD.A.3: TSW apply the area and perimeter formulas for rectangles in real-world and mathematical problems.

- Define basic vocabulary for these lessons

- *I-Ready Louisiana*, Math workbook: Complete lesson 10, pages: 94-103; and lesson 30, pages 100-307.

- Work on IXL: Geometric measurement, DD.1-DD.8 (Smart Score: 85%).

Vocabulary: Fraction, numerator, denominator, equivalent fractions, parts (the number and size) and whole. Two-dimensional figures, polygon, triangle, square, rectangle, quadrilateral, parallelogram, circle, geometric measurements, length, width, area, perimeter, volume, circumference, diameter, radius.

Homework: Complete working on IXL: (1) Two dimensional figures, T.1-T.5, and (2) Fractions and mixed numbers, K.1-K.5 (Smart Score: 85%).

Test Friday.

Review this online reference: <https://www.skillsyouneed.com/num/polygons.html>

MATH – 4th Grade

4.NBT.B.5: TSW multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. 4.MD.A.3: TSW apply the area and perimeter formulas for rectangles in real-world and mathematical problems. 4.NF.A.1: 1. TSW explain why a fraction $\frac{a}{b}$ is equivalent to a fraction $\frac{n \times a}{n \times b}$ by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions.

- Define basic vocabulary for these lessons.

- *I-Ready Louisiana*, Math workbook: Complete lesson 26, pages: 272-283; and lesson 13, pages: 144-149.

- Work on IXL: Geometric measurement, AA.1-AA.8 (Smart Score 85%).

Vocabulary: Two-dimensional figures, polygon, triangle, square, rectangle, quadrilateral, parallelogram, circle, geometric measurements, length width, area, perimeter, volume, circumference, diameter, radius. Fraction, numerator, denominator, equivalent fractions, parts (the number and size) and whole.

Homework: Complete working on IXL: (1) Two dimensional figures, V.1-V.5, and (2) Fraction equivalence and ordering, O.1-O.8.

Test Friday.

Review this online reference: <https://www.skillsyouneed.com/num/polygons.html>