

Math Instructional Calendar

Grade Level: 8th Math

Date: November 4th - 8th

3rd Six Weeks: Week 1

	Monday- 11/4	Tuesday- 11/5	Wednesday- 11/6	Thursday- 11/7	Friday- 11/8
TEKS / SE	REVIEW/ Data Conferences	NO SCHOOL	REVIEW: O.D. Wyatt Day	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders
Less / Obj	SWBAT review previously taught readiness standards.		SWBAT review previously taught readiness standards.	SWBAT find the lateral surface area of a cylinder.	SWBAT find the total surface area of a cylinder.
DOL	N/A Data Forms		N/A Several classes will not be seen due to field trip.	Given three problems, students will find the lateral surface area of a cylinder to the level of 100% proficiency.	Given three problems, students will find the total surface area of a cylinder to the level of 100% proficiency.
SAVVAS					5-1, 5-2

Math Instructional Calendar

Grade Level: 8th Math

Date: November 11th - 15th

3rd

Six Weeks: Week 2

	<u>Monday- 11/11</u>	<u>Tuesday- 11/12</u>	<u>Wednesday- 11/13</u>	<u>Thursday- 11/14</u>	<u>Friday- 11/15</u>
T E K S / S E	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders	8.7 B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders
L e s / O b j	SWBAT find the lateral surface area of a triangular prism.	SWBAT find the lateral surface area of a rectangular prism.	SWBAT find the total surface area of a rectangular prism.	SWBAT review for a weekly DOL.	SWBAT successfully answer questions on a weekly DOL.
D O L	Given 4 problems, students will find the lateral surface area of a triangular prism to the level of 100% proficiency or greater.	Given 4 problems, students will find the lateral surface area of a rectangular prism to the level of 100% proficiency or greater.	Given 4 problems, students will find the total surface area of a rectangular prism to the level of 100% proficiency or greater.	N/A	Given 18 problems, students will solve to the level of 83% proficiency or greater.
S A V V A S	5-1, 5-2	5-1, 5-2	5-1, 5-2	5-1, 5-2	N/A

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Grade Level: 8th Math

Date: November 18th - 22nd

3rd Six Weeks: Week 3

	Monday- 11/18	Tuesday- 11/19	Wednesday- 11/20	Thursday- 11/21	Friday- 11/22
T E X S / S E	8.8 D use informal arguments to establish facts about the angle sum and exterior angle of triangles, the angles created when parallel lines are cut by a transversal, and the angle- angle criterion for similarity of triangles	8.8 D use informal arguments to establish facts about the angle sum and exterior angle of triangles, the angles created when parallel lines are cut by a transversal, and the angle- angle criterion for similarity of triangles	8.8 D use informal arguments to establish facts about the angle sum and exterior angle of triangles, the angles created when parallel lines are cut by a transversal, and the angle- angle criterion for similarity of triangles	8.8 D use informal arguments to establish facts about the angle sum and exterior angle of triangles, the angles created when parallel lines are cut by a transversal, and the angle- angle criterion for similarity of triangles	8.8 D use informal arguments to establish facts about the angle sum and exterior angle of triangles, the angles created when parallel lines are cut by a transversal, and the angle- angle criterion for similarity of triangles
L e s / O b j	SWBAT solve for the missing angle of parallel lines cut by a transversal.	SWBAT solve for a missing interior angle of a triangle.	SWBAT solve for a missing exterior angle of a triangle.	SWBAT review for a weekly DOL.	SWBAT successfully answer questions on a weekly DOL.
D O L	Given 3 problems, students will solve for a missing angle to the level of 100% proficiency.	Given 3 problems, students will solve for a missing angle to the level of 100% proficiency.	Given 3 problems, students will solve for a missing angle to the level of 100% proficiency.	N/A	Given 15 problems, students will solve to the level of 80% proficiency or greater.
S A V V A S	7-1 thru 7-6, 7-TR	7-1 thru 7-6, 7-TR	7-1 thru 7-6, 7-TR	7-1 thru 7-6, 7-TR	N/A

Math Instructional Calendar

Grade Level: 8th Math

Date: December 2nd - 6th

3rd Six Weeks: Week 4

	Monday- 12/2	Tuesday- 12/3	Wednesday- 12/4	Thursday- 12/5	Friday- 12/6
T E K S / S E	8.11 A construct a scatterplot and describe the observed data to address questions of association such as linear, non-linear, and no association between bivariate data	8.5 D use a trend line that approximates the linear relationship between bivariate sets of data to make predictions	8.11 B determine the mean absolute deviation and use this quantity as a measure of the average distance data are from the mean using a data set of no more than 10 data points	Review 8.11 A-B, 8.5 D	8.11 A-B, 8.5 D
L e s / O b j	SWBAT describe scatterplots.	SWBAT use a trendline to make predictions.	SWBAT determine the mean absolute deviation of a data set.	SWBAT review for a weekly DOL.	SWBAT successfully answer questions on a weekly DOL.
D O L	Given 5 problems, students will describe characteristics of scatterplots to the level of 80% proficiency or greater.	Given 5 problems, students will use a trend line to make predictions to the level of 80% proficiency or greater.	Given 4 problems, students will determine the mean absolute deviation to the level of 100% proficiency.	N/A	Given 18 problems, students will solve to the level of 83% proficiency or greater.
S A V V A S	11-1, 11-2, 11-3, 11-4, 11-TR	11-1, 11-2, 11-3, 11-4, 11-TR	12-1,12-2, 12-4, 12-TR	11-1, 11-2, 11-3, 11-4, 11-TR	N/A

Math Instructional Calendar

Grade Level: 8th Math

Date: December 9th - 13th

3rd Six Weeks: Week 5

	Monday-12/9	Tuesday- 12/10	Wednesday- 12/11	Thursday-12/12	Friday- 12/13
T E K S / S E	8.12 D calculate and compare simple interest and compound interest earnings	8.12 D calculate and compare simple interest and compound interest earnings	8.12 D calculate and compare simple interest and compound interest earnings	8.12 D calculate and compare simple interest and compound interest earnings	8.12 D calculate and compare simple interest and compound interest earnings
L E S / O b j	SWBAT solve for the interest of a simple interest problem.	SWBAT solve for the total of a simple interest problem.	SWBAT solve for the total of a compound interest problem.	SWBAT solve for the interest of a compound interest problem.	SWBAT successfully answer questions on a weekly DOL.
D O L	Given 4 simple problems, students will solve for interest to the level of 100% proficiency.	Given 4 simple problems, students will solve for the total to the level of 100% proficiency.	Given 4 compound problems, students will solve for the total to the level of 100% proficiency.	Given 4 compound problems, students will solve for interest to the level of 100% proficiency.	Given 15 problems, students will solve to the level of 80% proficiency or greater.
S A V V A S	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	N/A

Math Instructional Calendar

Grade Level: 8th Math

Date: December 16th - 20th

3rd Six Weeks: Week 6

	Monday-12/16	Tuesday- 12/17	Wednesday- 12/18	Thursday- 12/19	Friday-12/20
T E K S / S E	8.12 D calculate and compare simple interest and compound interest earnings	8.12 D calculate and compare simple interest and compound interest earnings	8.12 D 8.11 A-B 8.5 D 8.8 D 8.7 B	8.12 D 8.11 A-B 8.5 D 8.8 D 8.7 B	8.12 D 8.11 A-B 8.5 D 8.8 D 8.7 B
L e s / O b j	SWBAT solve for the total and interest of both simple and compound interest problems.	SWBAT compare and contrast earnings from simple and compound interest problems.	SWBAT review all taught TEKS.	SWBAT successfully answer questions on the third six-week assessment.	SWBAT successfully answer questions on the third six-week assessment.
D O L	Given 3 problems, students will solve for interest and total to the level of 100% proficiency.	Given 2 problems, students will compare and contrast interest to the level of 100% proficiency.	N/A	Given 20 questions, students will solve to the level of 80% proficiency or greater.	Given 20 questions, students will solve to the level of 80% proficiency or greater.
S A V V A S	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	13-1, 13-2, 13-3, 13-6, 13-TR, 14-2, 14-TR	N/A	N/A

