



Week of: May 24

Subject: Math 6

SOL(s):

1. What am I learning?
2. Why am I learning this?
3. How will I know I've learned it?

Monday -Sixth grade virtual award ceremony during 2nd block

Learning Activity -Math Movie- Donald Duck in Mathland

Assignment-

Google Form follow up on math movie

Tuesday

Learning Activity - Students will use Art in Math to create pictures from Tangrams and Tessellations

Videos- [What is a Tangram?](#)

[How to make a Tessellation - the easy way](#)

Assignment-Online Tangram and Tessellation activity

Wednesday

Thursday Early Dismissal

Learning Activity -Math Scavenger Hunt

Friday Early Dismissal

Learning Activity - Brain Teasers and Math Puzzles

Week of: Week of: May 17

Subject: Math 6

SOL(s):6.2

- 1. What am I learning?**
Today I am reviewing fractions, decimals, and percents with probability
- 2. Why am I learning this?**
To be able to convert fractions, decimals, and percents
- 3. How will I know I've learned it?**
I can convert fractions, decimals, and percents

Monday

Learning Activity -Students will understand and define probability vocabulary

Video- [Probability!](#) | [Mini Math Movies](#) | [Scratch Garden](#)

Assignment-

Google Slides vocabulary activity

IXL to 80 [Understanding probability](#) | [5th grade math](#)

Tuesday

Learning Activity - Students will find simple probability and convert fractions, decimals and percents

Video- [Math Antics - Basic Probability](#)

Assignment-[Find the probability](#) | [5th grade math](#)

Wednesday (At-home learning)

Probability Choice Boards

Thursday

Learning Activity -Students will find simple probability and convert fractions, decimals and percents

Assignment- Pixel Art Activity finding simple probability

Friday

Learning Activity - Review Probability and converting fractions, decimals and percents

Assignment- Exit ticket on probability and various online probability activities

Week of: May 10

Subject: Math 6

SOL(s):

- 1. What am I learning?**
Today I am reviewing for the SOL
- 2. Why am I learning this?**
To be able to be successful and review all material learned this year
- 3. How will I know I've learned it?**

Monday

Learning Activity -Students will review integer operations to solve order of operations

Assignment-

Google form SOL review and self check video

IXL to 80 [Understand multiplying by a negative integer using a number line | 6th grade math](#)

Tuesday

Learning Activity -Final SOL Review

Assignment-Finish any missing assignments

Wednesday (At-home learning)

Virtual students take Math SOL

Assignment-

In person Students Choice Board

Thursday

Learning Activity - In Person Students take Math SOL

Assignment- Virtual Students Choice Board

Friday

Learning Activity - Brain teasers

Assignment- Pixel review activities

Week of: May 3-7

Subject: Math 6

SOL(s):6.7

- 1. What am I learning?**
Today I am reviewing for the SOL
- 2. Why am I learning this?**
To be able to be successful and review all material learned this year
- 3. How will I know I've learned it?**

Monday

Learning Activity -Students will learn to learn to solve inequalities and review graphing inequalities on a number line
[Solving One-Step Inequalities](#) | [Addition and Subtraction](#) | [Math with Mr. J](#)

Assignment-
Google form SOL review and self check video
IXL to 80 [Solutions to inequalities](#) | [6th grade math](#)

Tuesday

Learning Activity - In Person Students take English SOL

Assignment-Virtual Students Fraction Review Tic Tac Toe Choice Board

Wednesday (At-home learning)

Virtual students take English SOL

Assignment-
In person Students Fraction Review Tic Tac Toe Choice Board

Thursday

Learning Activity -Students will review solving practical problems with fraction operations

Assignment- SOL Google form practice with self check video

Friday

Learning Activity - Students will review ratios and proportions

Assignment- SOL Google form practice with self check video

Math SOL Virtual students Wednesday, May 12
In person students Thursday, May 13

April 26-30

Subject: Math 6

SOL(s):6.7

- 1. What am I learning?**
Today I am learning to interpret circle graphs.
- 2. Why am I learning this?**
To be able to make comparisons with bar graphs.
- 3. How will I know I've learned it?**
I can make observations and inferences about the data in a circle graph.
I can create a circle graph from data.

Monday

Learning Activity -Students will review circle graphs for unit test

Assignment-
CFA/Unit test 6.10

Tuesday

Learning Activity - Students will learn take a practice SOL

Assignment-[Virginia Remote Student Progress Test \(VRSPT\)](#)
Math 6 2016 version

Wednesday (At-home learning)

Assignment-
SOL Review Practice Games and videos- Tic Tac Toe Choice Board on integer operations

Thursday

Learning Activity -Students will review integers and learn how to graph inequalities on a number line
Video [Graphing Inequalities on Number Lines | Math with Mr. J](#)
Assignment- SOL Google form practice with self check video

Friday

Learning Activity - Students will review equation vocabulary and one-step equations
Video- [How to Solve One-Step Equations \(Multiplication and Division\) | Math with Mr. J](#)
Assignment- SOL Google form practice with self check video
IXL additional practice-[Solve equations with whole numbers | 5th grade math](#)

Week of: April 19-23
Subject: Math 6

SOL(s):6.10

- 1. What am I learning?**
Today I am learning to interpret circle graphs.
- 2. Why am I learning this?**
To be able to make comparisons with bar graphs.
- 3. How will I know I've learned it?**
I can make observations and inferences about the data in a circle graph.
I can create a circle graph from data.

Monday

Learning Activity -Students will learn to identify the different types of graphs.

Assignment-Create your own circle graph or complete a google form answering questions on different types of graphs

CFA/Unit test on Monday, April 26

Tuesday

Learning Activity - Students will learn to find a percent of a number to interpret circle graphs

Video to enhance learning: [Finding a Percent of a Number](#)

Assignment-Google slides practicing finding the percent of a number in Google Classroom and IXL to smartscore of 80

[Percent of a number | 5th grade math](#)

Wednesday (At-home learning)

Assignment-

SOL Review Practice Games and videos- Tic Tac Toe Choice Board on Equations

Thursday

Learning Activity -Students will learn to create circle graphs from bar graphs using data

Assignment- IXL interpreting Circle graphs to smartscore of 80

[Interpret circle graphs | 6th grade math](#)

CFA Unit Test on Monday

Friday

Learning Activity - Students will create bar graphs from circle graphs using data

Assignment-Google sheets activity creating circle graphs and bar graphs in Google Classroom

CFA Unit Test on Monday



Week of: April 12

Subject: Math 6

SOL(s): 6.7

1. What am I learning?

Today I am learning to find the perimeter and area of triangles, rectangles and squares.

2. Why am I learning this?

To be able to solve practical problems involving triangles, rectangles and squares.

3. How will I know I've learned it?

I can determine the perimeter and area of triangles, rectangles and squares.

Monday

Learning Activity - Students will use geometric formulas to solve practical problems with triangles, rectangles and squares

Assignment - Pixel Art Word Problems Activity in Google Classroom

CFA Unit Test on Thursday

Tuesday

Learning Activity - Students will use geometric formulas to solve multi-step practical problems with triangles, rectangles and squares

Assignment - Google Form multi-step practical problem practice located in Google Classroom

Wednesday (At-home learning)

Assignment - SOL Review Practice Games and videos- Tic Tac Toe Choice Board

Thursday

Learning Activity - Students will review geometric formulas and solve practical problems with triangles, rectangles and squares for CFA/Unit test

Assignment - CFA Unit Test 6.7 c

Friday

Learning Activity - Students will review converting fractions, decimals, and percents for the SOL

Assignment - Google Form Review activity with self check video



Week of: April 6

Subject: Math 6

SOL(s):6.7

1. What am I learning?

Today I am learning to find the perimeter and area of triangles, rectangles and squares.

2. Why am I learning this?

To be able to solve practical problems involving triangles, rectangles and squares.

3. How will I know I've learned it?

I can determine the perimeter and area of triangles, rectangles and squares.

Monday NO SCHOOL- Student and Staff Holiday

Learning Activity -

Assignment -

Tuesday

Learning Activity - Students will learn formulas to find the perimeter and area of triangles

Video - [How to Find the Area of a Triangle | Calculate the Area of a Triangle](#)

Assignment - Google Slide activity "Finding the area of Triangles"

Wednesday (At-home learning)

Assignment -

SOL Review Practice Games

Thursday

Learning Activity - Students will learn formulas to find the perimeter and area of rectangles and squares

Video - [Area](#)

Assignment - Google Slide activity "Area and Perimeter of rectangle and squares practice"

Friday

Learning Activity - Students will use formulas to solve practical problems with triangles, rectangles and squares

Video - [Perimeter](#)

Assignment - Google Form Exit Ticket using area and perimeter formulas



Week of: March 29

Subject: Math 6

SOL(s): 6.7

1. What am I learning?

Today I am learning to find the circumference and area of circles

2. Why am I learning this?

To be able to solve practical problems involving circumference and area of circles

3. How will I know I've learned it?

I can determine the circumference and area of a circle given the radius or diameter.

Monday

Learning Activity - Students will use area and circumference formulas to solve practical problems involving circles.

Assignment - Google form practice in Google Classroom

Unit Test/ CFA 6.7 to show mastery on Thursday

Tuesday

Learning Activity - Students will use area and circumference formulas to solve practical problems involving circles.

Assignment - IXL to smartscore of 80

[Circles: word problems](#) | [7th grade math](#)

Unit Test/ CFA 6.9 to show mastery on Thursday

Wednesday (At-home learning)

Assignment - SOL Review Practice Games

Thursday

Learning Activity - Students will review circle formulas and practical problems for CFA/Unit Test Kahoot

Assignment - CFA/Unit Test 6.7

Friday - HOLIDAY

Have a safe and relaxing weekend! See you Tuesday.



Week of: March 22

Subject: Math 6

SOL(s):6.9,6.7

1. What am I learning?

Today I am learning to determine congruence of polygons, line segments, and angles

Today I am learning to find the circumference and area of circles

2. Why am I learning this?

To be able to distinguish between congruent and non congruent shapes.

To be able to solve practical problems involving circumference and area of circles

3. How will I know I've learned it?

I can determine if a shape, line segment, or angle is congruent.

I can determine the circumference and area of a circle given the radius or diameter.

Monday

Learning Activity - Students will learn to determine the difference between congruent and non congruent polygons, line segment, and angles.

Assignment- IXL practice to smartscore of 80

[Identify congruent and similar figures | 5th grade math](#)

[Similar and congruent figures | 6th grade math](#)

Tuesday

Learning Activity - Students will learn to determine congruency with corresponding sides of polygons, line segments, and angles.

Assignment- Unit Test/ CFA 6.9 to show mastery

Wednesday (At-home learning)

Assignment-

Introduction to Circle Vocabulary

[Circles Radius Diameter & Pi Song – Learn Geometry – Learning Upgrade App](#)

Thursday

Learning Activity - Students will learn the parts of a circle and how to find the circumference of a circle.

Video to enhance learning

[Circles, What Is Pi?](#)

Assignment- Google Slide or Pixel Art activity finding circumference of circles given radius or diameter

Friday

Learning Activity - Students will learn how to find the area of circles.

Video to enhance learning

[Circles, Circumference & Area](#)

Assignment- Google Slide "Pizza Circles" finding area and circumference of circles giving radius or diameter



Week of: March 8

Subject: Math 6

SOL(s): 6.12,6.9

1. What am I learning?

Today I am learning to determine if a proportional relationship exists between two quantities in table and graphs.

Today I am learning the attributes of polygons.

2. Why am I learning this?

To be able to make connections between tables and graphs.

To be able to describe and identify polygons.

3. How will I know I've learned it?

I can find the missing value in a ratio table

I can find the unit rate

I can find proportional relationships in tables in graphs

I can describe the characteristics of Polygons.

I can identify polygons.

Monday

Learning Activity - Students will review proportions unit to prepare for Unit Test on March 9th

Assignment- Google Doc practice to show mastery

Tuesday

Learning Activity - Students will review proportions unit to prepare for Unit Test

Assignment- Unit Test/ CFA 6.12

Work on IXL Diagnostic

Wednesday (At-home learning)

Assignment-

Introduce polygons for Thursday lesson

[Polygons](#) | [What is a Polygon?](#)

Thursday

Learning Activity - Students will learn to describe and identify characteristics of polygons

Video to enhance learning:

[Math Antics Polygons](#)

Assignment- Google Slide activity identifying polygons

Friday ½ day

Learning Activity - Students will watch a short movie on Polygons to see real life examples

Assignment- Google Slide creating a polygon monster following directions



Week of: March 1

Subject: Math 6

SOL(s): 6.12

1. What am I learning?

Today I am learning to determine if a proportional relationship exists between two quantities in table and graphs.

2. Why am I learning this?

To be able to make connections between tables and graphs

3. How will I know I've learned it?

I can find the missing value in a ratio table

I can find the unit rate

I can find proportional relationships in tables in graphs

Monday

Learning Activity - Students will determine if tables are proportional using different methods such as cross multiplying, dividing y/x , or simplifying ratios.

Assignment- Proportional Table sort located in Google Classroom or

IXL on Proportional Tables [Identify proportional relationships from tables | 6th grade math](#)

Tuesday

Learning Activity - Students will review graphing on the coordinate plane and how to identify an ordered pair.

Assignment- 2 IXL's to review graphing

[Complete a table from a graph | 5th grade math](#)

[Coordinate plane review | 7th grade math](#)

Wednesday (At-home learning)

Assignment-

Introduce proportions in a graph for Thursday lesson

[Proportional Relationships](#)

Thursday

Learning Activity - Students will learn to recognize and identify proportional relationships in a coordinate plane (graph)

Assignment- Is it proportional sort located in Google Classroom

Friday

Learning Activity - Students will review proportions unit to prepare for Unit Test on March 9th

Assignment- Google Doc Exit ticket to show mastery



Week of: February 22nd
Subject: Math 6

SOL(s): 6.12

1. What am I learning?

Today I am learning to make connections between two quantities using a ratio table.

2. Why am I learning this?

To be able to find the missing value on a ratio table

3. How will I know I've learned it?

I can find the missing value in a ratio table

I can find the unit rate

Monday

Learning Activity - Students will complete a Ratio table and find a unit rate.

[Math Antics - Ratios And Rates](#) video

Assignment - Students will complete EITHER a Google Picture activity OR an IXL to a score of 80.

[Unit rates | 6th grade math](#)

Tuesday

Learning Activity - Students will recognize a proportional graph and find the unit rate.

[Finding Unit Rate from a Graph \(Interpreting Graphs of Proportional Relationships\)](#) video

Assignment - Students will complete a Google Slide activity on unit rate.

Wednesday (At-home learning)

Assignment - Students will complete review activities on Ratio Tables and Unit Rates.

Thursday

Learning Activity - Students will recognize a proportional relationship in a table or a graph.

Assignment - IXLs on proportional relationships

[Identify proportional relationships from tables | 6th grade math](#)

[Do the ratios form a proportion? | 6th grade math](#)

Friday

Learning Activity - Students will recognize proportional graphs.

[Proportional Relationships](#) video

Assignment - Students will complete a review activity on proportional graphs, tables, and unit rate.



Week of: February 15

Subject: Math 6

SOL(s): 6.12

4. What am I learning?

Today I am learning to make connections between two quantities using a ratio table.

5. Why am I learning this?

To be able to find the missing value on a ratio table

6. How will I know I've learned it?

I can find the missing value in a ratio table

I can find the unit rate

Monday**Holiday- NO SCHOOL**

Learning Activity -

Assignment-

Tuesday

Learning Activity - With guided practice students will find the missing values in a ratio table

Assignment- Pixel Art activity in Google Classroom finding missing values in a ratio table

Wednesday (At-home learning)

Assignment-

Review of finding unit rates

[Unit Rates](#) | [Solving Unit Rate Problems](#)

Thursday

Learning Activity - Students will define a unit rate and solve practical problems involving unit rate

Video to help define unit rate and review ratios [Math Antics - Ratios And Rates](#)

Assignment- IXL finding the unit rate [Unit rates](#) | [6th grade math](#)

Friday

Learning Activity - Students will find the unit rate from a table and a graph

Assignment- Matching activity in google classroom on unit rate



Week of: February 9

Subject: Math 6

SOL(s): 6.8,6.12

1. **What am I learning?** Today I am learning to identify the parts and coordinates on coordinate plane

Today I am learning to make connections between two quantities using a ratio table.

2. **Why am I learning this?** To be able to graph points on a coordinate plane.

To be able to find the missing value on a ratio table

3. **How will I know I've learned it?**

I can identify the parts of a coordinate plane

I can identify and graph points on a coordinate plane

I can find the missing value in a ratio table

Monday**Teacher Workday**

Learning Activity -

Assignment-

Tuesday

Learning Activity - Students will review the coordinate plane and graphing in the coordinate plane

Assignment-

Exit ticket on Coordinate plane CFA 6.8

Wednesday (At-home learning)

Assignment-

Review of equivalent ratios video

[Equivalent Ratios Lesson](#)

Thursday

Learning Activity - Students will find missing values in ratio tables using equivalent ratios

Video for review [Equivalent ratios with](#)

Assignment- IXL equivalent ratio table practice [Ratio tables | 6th grade math](#)

Friday

Learning Activity - With guided practice students will find the missing values in a ratio table

Assignment- Pixel Art activity in Google Classroom finding missing values in a ratio table



Week of: February 1

Subject: Math 6

SOL(s): 6.8,6.12

1. What am I learning?

This week I am learning to identify the parts and coordinates on coordinate plane

This week I am learning to make connections between two quantities using a ratio table.

2. Why am I learning this?

I am learning this so I can graph points on a coordinate plane.

I am learning this so I can find the missing value on a ratio table

3. How will I know I've learned it?

I can identify the parts of a coordinate plane

I can identify and graph points on a coordinate plane

I can find the missing value in a ratio table

Monday

Learning Activity - Students will be introduced to the parts of the coordinate plane and how to graph a point

Assignment - Jamboard activity in Google classroom graphing points on a coordinate plane
IXL identify the points for objects on the coordinate plane and graphing

[Objects on a coordinate plane | 6th grade math](#)

[Graph points on a coordinate plane | 5th grade math](#)

Tuesday

Learning Activity - Students will learn how objects move in the coordinate plane and continue identifying the parts

Assignment - IXL identifying the quadrants of a coordinate plane\

[Quadrants and axes | 7th grade math](#)

Exit ticket on Coordinate plane

Wednesday (At-home learning)

Assignment -

Review video on the Coordinate Plane

[Graphing on the Coordinate Plane](#)

Thursday

Learning Activity - Students will find missing values in ratio tables using equivalent ratios

Video for review [Equivalent ratios](#)

Assignment - IXL equivalent ratio table practice [Ratio tables | 6th grade math](#)

Friday

Learning Activity - With guided practice students will find the missing values in a ratio table

Assignment - Pixel Art activity in Google Classroom finding missing values in a ratio table



Week of: January 25

Subject: Math 6

SOL(s): 6.13 & 6.1

1. What am I learning?

Today I am learning to represent relationships between two quantities using ratios.

2. Why am I learning this?

I am learning this so I can compare two quantities.

3. How will I know I've learned it?

I can represent two quantities as a ratio

I can represent two quantities in three forms $a:b$, a to b , and a/b

Monday

Learning Activity - Students will review for CFA/Unit test

Assignment - CFA/Unit Test 6.13

Tuesday

Learning Activity - Students will learn to write a ratios and identify equivalent ratios

Assignment - Students will work on 3 IXL skills, each to a score of 80

[Write a ratio | 6th grade math](#)

[Identify equivalent ratios | 6th grade math](#)

[Understanding ratios | 7th grade math](#)

CFA Ratios Friday, January 29

Wednesday (At-home learning)

Assignment - Students will continue to practice with ratios

[Identify equivalent ratios | 7th grade math](#)

Thursday

Learning Activity - Students will write ratios from practical problems

Assignment - IXL [Equivalent ratios: word problems | 6th grade math](#)

Friday

Learning Activity - Students will review for Ratio test

Assignment- CFA Ratios

CFA/Unit Test 6.1



Week of: January 18

Subject: Math 6

SOL(s): 6.13

1. What am I learning?

This week I am learning to solve one-step equations.

2. Why am I learning this?

I am learning this so I can find the value for a variable.

3. How will I know I've learned it?

I can (1) identify the parts of an equation, (2) model equations, (3) apply properties to solve equations, and (4) write verbal expressions

Monday - HOLIDAY

Tuesday - Asynchronous Day (Staff Vaccinations)

Students will continue to practice with equations, by completing this IXL on solutions to equations.

[Which x satisfies an equation? | 6th grade math](#)

Wednesday (At-home learning)

Students will continue to practice solving equations with PIXEL activities or IXL

[Solve one-step equations with whole numbers | 6th grade math](#)

Thursday

Learning Activity - Students will represent and solve equations as word problems.

Assignment - Students will complete this IXL to a score of 80

[Solve one-step equations: word problems | 6th grade math](#)

Friday

Learning Activity - Students will review all they have learned about equations in preparation for the Post-Test.

Assignment - Students will take the POST-Test on Equations (Google Form)



Week of: January 11th

Subject: Math 6

SOL(s): 6.13

4. What am I learning?

This week I am learning to solve one-step equations.

5. Why am I learning this?

I am learning this so I can find the value for a variable.

6. How will I know I've learned it?

I can (1) identify the parts of an equation, (2) model equations, (3) apply properties to solve equations, and (4) write verbal expressions

Monday

Learning Activity - Students will solve one-step equations with addition and subtraction.

Assignment - Students will complete a Jamboard activity solving one-step addition and subtraction equations located in Google Classroom.

If time remains, continue practice with this IXL

[Solve one-step addition and subtraction equations with whole numbers | 6th grade math](#)

Tuesday

Learning Activity - Students will solve one-step equations with multiplication and division.

Assignment - Students will complete a Jamboard activity solving one-step multiplication and division equations in Google Classroom.

If time remains, continue to practice with this IXL

[Solve one-step multiplication and division equations with whole numbers | 6th grade math](#)

Wednesday (At-home learning)

Assignment - Students will view a video on solving one-step equations.

[How to Solve One-Step Equations | One-Step Equation Steps](#)

[One-Step Equations \(algebra\)](#)

Thursday

Learning Activity - Students will solve one-step equations with decimals and integers

Assignment - Students will complete a Jamboard and/or PIXEL activity on solving equations.

Friday

Learning Activity - Students will solve one-step equations with Integers.

Assignment - Students will complete an Exit Ticket on Equations, and then practice with this IXL or complete the Extra Credit PIXEL

[Solve one-step equations involving integers | 6th grade math](#)



Week of: January 4

Subject: Math 6

SOL(s): 6.13

1. What am I learning?

This week I am learning to solve one-step equations

2. Why am I learning this?

I am learning this so I can find the value for a variable

3. How will I know I've learned it?

I can identify the parts of an equation

I can model equations

I can apply properties to solve equations

I can write verbal expressions

Monday

Learning Activity - Students will identify and describe the parts of an algebraic equation

Assignment - Students will complete a Google slide "Vocabulary Matching" located in Google Classroom

Tuesday

Learning Activity - Students will identify and describe the parts of an algebraic equation

Assignment - Students will complete a Google slide "Vocabulary Matching" located in Google Classroom

***Vocabulary quiz on Thursday 1/7**

Wednesday (At-home learning)

Video to study for vocabulary quiz on Thursday 1/7

[Understanding the Vocabulary of Algebra](#)

Thursday

Learning Activity - Students will use models to write one- step equations

Assignment- IXL to at least a score of 80

[Model and solve equations using algebra tiles | 6th grade math](#)

Friday

Learning Activity - Students will use models to write one step equations

Assignment - Students will complete a Google slide "Model Matching" located in Google Classroom

Watch Video to introduce solving one- step equations

[What is Algebra?](#)



Week of: December 14

Subject: Math 6

SOL(s): 6.5

1. What am I learning? Today I am learning to solve practical problems using fraction operations
2. Why am I learning this? So I can solve practical problems
3. How will I know I've learned it? I can add, subtract, multiply and divide fractions. I can solve practical problems with fraction operations.

Monday

Learning Activity - Students will look for keywords to solve word problems with fractions.

Assignment: Students will complete a Google slide "Choose the correct operation multiple choice" located in Google Classroom

Tuesday

Learning Activity - Students will look for keywords to solve word problems with fractions.

Kahoot activity

Assignment- Students will complete a Google slide "Mixed operation word problems" located in Google Classroom. (Students may use Desmos calculators to solve)

Wednesday (At-home learning)

Kahoot at home activity to review for unit test on Thursday

Thursday

Learning Activity - Review activity for unit test on practical problems

Assignment- UNIT TEST ON PRACTICAL PROBLEMS MULTIPLE CHOICE (STUDENTS MAY USE DESMOS CALCULATOR TO SOLVE)

Friday

Learning Activity -Desmos calculator activity.

Assignment: Finish or work on Diagnostic skills in IXL



Week of: December 7

Subject: Math 6

SOL(s): 6.5

1. What am I learning? Today I am learning to solve problems using fraction operations
2. Why am I learning this? So I can solve practical problems
3. How will I know I've learned it? I can add, subtract, multiply and divide fractions. I can solve practical problems with fraction operations.

Monday

Learning Activity - Students will review adding fractions with unlike denominators

Video to reinforce learning

[Adding Mixed Numbers](#)

Assignment: Students will complete a Google slide "adding fractions practice" located in Google Classroom

Tuesday

Learning Activity - Students will review subtracting fractions with unlike denominators to include borrowing

Video to reinforce learning

[Subtracting Mixed Numbers](#)

Assignment- Students will complete a Google slide "Add and Subtract mixed number fractions" located in Google Classroom

Wednesday (At-home learning)

Students will watch a video to reinforce what they have learned about fractions

[Fraction Review | How to Add, Subtract, Multiply, and Divide Fractions](#)

Thursday

Learning Activity - Students will practice adding and subtracting fractions

Assignment- Students will finish Google Slide activity "Add and Subtract mixed number fractions" located in Google Classroom

and/or the following IXL to at least 80.

[Add and subtract fractions with unlike denominators | 6th grade math](#)

Friday

Learning Activity - Students will solve multiplication and division practical word problems with fraction operations

Assignment -IXLs to 80

[Multiply fractions: word problems | 6th grade math](#)

[Divide fractions and mixed numbers: word problems | 6th grade math](#)



Week of: November 30th

Subject: Math 6

SOL(s): 6.5

1. What am I learning? Today I am learning to solve problems using fraction operations
2. Why am I learning this? So I can solve practical problems
3. How will I know I've learned it? I can add, subtract, multiply and divide fractions. I can solve practical problems with fraction operations.

Monday

Learning Activity - Students will learn how to divide fractions using Keep, Change, Flip.

Assignment: Students will complete a Google slide "Santa Practice Day One" and/or complete the IXL below.

[IXL | Divide fractions | 6th grade math](#)

Tuesday

Learning Activity - Students will continue to learn how to divide fractions & MIXED Numbers using Keep, Change, Flip.

Assignment- Students will complete a Google slide "Santa Practice Day TWO" and/or complete the IXL below.

[IXL | Divide fractions and mixed numbers | 6th grade math](#)

Wednesday (At-home learning)

Students will watch a video to reinforce what they have learned about Dividing Fractions.

[Dividing Fractions](#)

Thursday

Learning Activity - Students will practice Multiplying AND Dividing Fractions.

Assignment- Students will complete a Google Slide activity "Santa MIXED Practice" and/or the following IXLs.

[IXL | Multiply fractions | 7th grade math](#)

[IXL | Divide fractions | 7th grade math](#)

Friday

Learning Activity - Extended Review of Multiplying and Dividing Fractions, followed by assessment

Assignment - Students will complete the Division CFA 6.5A



Week of: November 23

Subject: Math 6

SOL(s): 6.5

- 1. What am I learning? Today I am learning to solve problems using fraction operations**
- 2. Why am I learning this? So I can solve practical problems**
- 3. How will I know I've learned it? I can add, subtract, multiply and divide fractions. I can solve practical problems with fraction operations.**

Monday(At-home learning)

Learning Activity -

Assignment: Multiplication of fractions practice

[Multiplying Fractions and Mixed Numbers](#)

Self paced Kahoot game link in Google Classroom

Tuesday(At-home learning)

Learning Activity -

Assignment- Multiplication of fractions practice

Online Games to help students practice multiplying fractions

[Snow Sprint Fractions](#)

[Math Computation Practice: Multiplying Fractions](#)

[Multiplying fractions catapult game, Cool math game on multiplication of two fractions, for children in 4th, 5th, 6th, and 7th grade](#)

[Multiplying Fractions Soccer Game](#)

Wednesday (At-home learning)

Fall Break

Thursday

Happy Thanksgiving from the sixth grade math team!

Learning Activity -

Assignment -

Friday

Fall Break

Learning Activity -

Assignment -



Week of: November 16

Subject: Math 6

SOL(s): 6.5

- 1. What am I learning? Today I am learning to solve problems using fraction operations**
- 2. Why am I learning this? So I can solve practical problems**
- 3. How will I know I've learned it? I can add, subtract, multiply and divide fractions. I can solve practical problems with fraction operations.**

Monday

Learning Activity - Introduce multiplication of fractions using models

Assignment:

Model match google document practice in Google Classroom

IXL to 80

[Multiply two fractions using models | 6th grade math](#)

Tuesday

Learning Activity - Introduce multiplication of fractions and review using models

Assignment-

Multiplication practice google document in Google Classroom

IXL to 80

[Multiply fractions | 7th grade math](#)

Wednesday (At-home learning)

Assignment-

Video

[Multiplying Fractions](#)

Finish IXL's from Tuesday to 80

Thursday

Learning Activity - Introduce multiplying mixed number fractions

Assignment -

Google Document practicing multiplying mixed number fractions located in Google Classroom

IXL to at least 80

[Multiply mixed numbers | 7th grade math](#)

Friday

Learning Activity - Continue practicing multiplication of mixed number fractions

Assignment -

Exit ticket to check for understanding on multiplying fractions

Students will be given time to finish all incomplete assignments for the week.



Week of: November 9

Subject: Math 6

SOL(s): 6.5

- 1. What am I learning? Today I am learning to solve problems using fraction operations**
- 2. Why am I learning this? So I can solve practical problems**
- 3. How will I know I've learned it? I can add, subtract, multiply and divide fractions. I can solve practical problems with fraction operations.**

Monday

Learning Activity: Review for Unit Test on Integers

Assignment:

Order of Operations practice in Google Classroom

Tuesday

Learning Activity: Warm up questions reviewing for CFA

Assignment: 6.6 Unit test on Integers

Wednesday (At-home learning)**Assignment:**

Simplifying fractions review video

[Simplifying Fractions](#)

IXL to at least 80

[Write fractions in lowest terms | 6th grade math](#)

Thursday

Learning Activity: Fraction vocabulary introduction and changing improper fractions to mixed number fractions review

Kahoot

Assignment:

Google Document to practice changing improper fractions to mixed number fractions located in Google Classroom

IXL to at least 80

[IXL | Convert between improper fractions and mixed numbers | 6th grade math](#)

Friday

Learning Activity: Multiplying fractions with models

Assignment:

Google document in Google Classroom- model match practice

IXL to at least 80

[Convert between mixed numbers and improper fractions | 7th grade math](#)



Week of: November 2

Subject: Math 6

SOL(s): 6.6

- 1. What am I learning? Today I am learning to simplify expressions with integers**
- 2. Why am I learning this? So I can solve practical problems**
- 3. How will I know I've learned it? I can solve expressions with positive and negative integers.**

Monday

Learning Activity - Order of Operations review activity

Assignment:

Exit ticket on Order of Operations

Online activities to reinforce learning:

[Order Ops - Online Game](#)

[Order of Operations Game: Interactive order operations game](#)

Tuesday

NO SCHOOL/ELECTION DAY

Wednesday (At-home learning)

Assignment:

Extra practice: Choice of activities

IXL - [Evaluate numerical expressions involving exponents | 7th grade math](#)

Google Document located in Google Classroom on Order of Operations

Thursday

Learning Activity: Solving word problems with integer operations

Assignment:

Google Document solving word problems in google classroom

IXL to 80 - [IXL | Add and subtract integers: word problems | 6th grade math](#)

Friday

Learning Activity: Solving word problems with integer operations

Assignment:

Google document in Google Classroom- solving word problems with integer operations

IXL to at least 80

[Add, subtract, multiply, or divide two whole numbers: word problems | 6th grade math](#)



Week of: October 26

Subject: Math 6

SOL(s): 6.6

- 1. What am I learning? Today I am learning to simplify expressions with integers**
- 2. Why am I learning this? So I can solve practical problems**
- 3. How will I know I've learned it? I can model addition and subtraction problems with integer counters.
I can solve expressions with positive and negative integers. I can simplify expressions with order of operations.**

Monday

Learning Activity - Kahoot for review of integer operations

Assignment:

Exit ticket on all integer operations

Tuesday

Learning Activity - Introduce order operations

Assignments -

Google doc practicing order of operations in google classroom

Video - [Order of Operations Part 1](#)

IXL to 80

[Evaluate numerical expressions | 5th grade math](#)

[Evaluate numerical expressions with parentheses | 5th grade math](#)

Wednesday (At-home learning)

Assignment-

Video to reinforce learning - [Order of Operations](#)

Thursday

Learning Activity -Continue order of operations with integers

Assignment -

Google doc practicing order of operations in google classroom

Video to reinforce lesson - <https://www.youtube.com/watch?v=vHeZjyCX2vU&t=11s>

IXL to 80

[Evaluate numerical expressions involving whole numbers | 6th grade math](#)

Friday

Learning Activity - Order of operations with absolute value and division bar

Assignment -

Google document in Google Classroom- order of operation

Video to reinforce lesson

<https://www.youtube.com/watch?v=TjocAo3uRFg&t=24s>

IXL to at least 80%

<https://www.ixl.com/math/grade-6/evaluate-numerical-expressions-involving-integers>



Week of: October 19

Subject: Math 6

SOL(s): 6.6

1. What am I learning? Today I am learning to simplify expressions with integers
2. Why am I learning this? So I can solve practical problems

3. How will I know I've learned it? I can model addition and subtraction problems with integer counters.

I can solve expressions with positive and negative integers.

Monday

Learning Activity - Lesson on the rules of subtracting integers

Assignment:

Video to reinforce lesson <https://www.youtube.com/watch?v=afirWdPUoa8>

IXL to at least 80% on subtraction rules

[IXL | Integer subtraction rules | 7th grade math](#)

Google Classroom- Mixed Addition and Subtraction practice google document

Tuesday

Learning Activity - Practice using addition and subtraction rules with integers

Assignments -

IXL to at least 80%

[IXL | Add and subtract integers using counters | 8th grade math](#)

[Add and subtract integers: find the sign | 6th grade math](#)

Wednesday (At-home learning)

Assignment-

Video to reinforce learning [Adding & Subtracting Integers](#)

IXL to 80% practicing adding and subtracting integers

[Add integers using number lines | 6th grade math](#)

Thursday

Learning Activity - Lesson on multiplying and division of integers

Assignment -

Videos to reinforce lesson

[Multiply Integers with Models](#) [Dividing Integers with Models](#) [Multiply & Divide Integers](#)

IXL to at least 80%

[IXL | Multiply and divide integers | 7th grade math](#)

<https://www.ixl.com/math/grade-8/multiply-and-divide-integers>

Friday

Learning Activity - Lesson practicing all operations of integers

Assignment -

Google document in Google Classroom- All operation practice

IXL to at least 80%

[Add, subtract, multiply, or divide two integers | 6th grade math](#)

[Add, subtract, multiply, and divide integers | 7th grade math](#)



Week of: October 12

Subject: Math 6

SOL(s): 6.6

- 1. What am I learning?** Today I am learning to simplify expressions with integers
- 2. Why am I learning this?** So I can solve practical problems
- 3. How will I know I've learned it?** I can model addition and subtraction problems with integer counters.
I can solve expressions with positive and negative integers.

Monday

Learning Activity - Test review on ordering Fractions, Decimals, and Percents

Assignment:

Fractions, Decimals, and Percents Google Document review practice in Google Classroom

Tuesday

Learning Activity - Unit Test on Fractions, Decimals, and Percents
Introduce adding integers presentation using counters

Assignments -

- Videos to reinforce lesson
 - [Opposites and Zero Pairs](#)
 - [Adding Integers with Models](#)
- Google classroom GSlide assignment - Practice adding integers with models
- IXL to at least 80 [Add integers using counters | 6th grade math](#)

Wednesday (At-home learning)

Assignment- Complete any work from Monday & Tuesday
[Same Sign Add and Keep Integer Song](#)

Thursday

Learning Activity - Continue adding integers with counters, number lines and introduce the rule of addition of integers

Assignment -

- Video to reinforce lesson [Adding Integers](#)
- Google Classroom GSlide assignment - adding integers
- IXL to at least 80
 - [Integer addition rules | 7th grade math](#)
 - [Add integers | 6th grade math](#)

Friday

Learning Activity - Subtracting integers with counters

Assignment -

- Video to reinforce lesson [Subtracting Integers with Models](#)
- Google Classroom GSlide activity - Subtraction models with counters matching activity
- IXL to at least 80 [Subtract integers using counters | 6th grade math](#)



Week of: October 5

Subject: Math 6

SOL(s): 6.2

1. **What am I learning? Today I am learning to convert fractions, decimal, and percents**
2. **Why am I learning this? So I can represent equal relationships between fractions, decimal, and percents**
3. **How will I know I've learned it? I am able to compare and order fractions, decimal, and percents**

Monday

Learning Activity - Ordering Fractions, Decimals, and Percents Presentation

Assignment:

Compare Fractions, Decimals, and Percents Google Document Practice in Google Classroom

Tuesday

Learning Activity - Review Fractions, Decimals, and Percents unit with Pear Deck Interactive Activity (Unit Test on October 12)

Assignment - Ordering Fractions, Decimals, and Percents Google Document Practice in Google Classroom

Wednesday (At-home learning)

Assignment- Review video on Fractions, Decimals, and Percents

Make up missing assignments (Check Google Classroom or StudentVue)

Thursday (At home learning)

Learning Activity -No Synchronous

Assignment -Review for Unit test on October 12 with Converting Fractions, Decimals, and Percents with Google Document in Google Classroom

Friday (At home learning)

Learning Activity - No Synchronous

Assignment - Review for Unit test on October 12 with Comparing and Converting Fractions, Decimals, and Percents practice with Google Document in Google Classroom



Week of: September 28

Subject: Math 6

SOL(s): 6.2

1. **What am I learning? Today I am learning to convert fractions, decimal, and percents**
2. **Why am I learning this? So I can represent equal relationships between fractions, decimal, and percents**
3. **How will I know I've learned it? I am able to compare and order fractions, decimal, and percents**

Monday

Learning Activity - Converting fraction and decimals to percents

Kahoot to review all conversions of fractions, decimals, and percents

IXL on understanding percents to at least 80%

[Understanding percents: strip models | 6th grade math](#)

Assignment:

Video: [What Are Percentages?](#)

IXL on converting between decimals and fractions to at least 80%

[Convert between decimals and mixed numbers | 6th grade math](#)

Challenge: [Convert fractions to percents using grid models | 6th grade math](#)

Tuesday

Learning Activity - Converting fractions, decimals, and percents with picture representations

Assignment - Converting between fractions, decimals, and percents IXL to at least 80%

<https://www.ixl.com/math/grade-6/convert-between-percents-fractions-and-decimals>

Wednesday (At-home learning)

Assignment- Video: [Converting Decimals and Percents](#) and finish IXL's from Monday and Tuesday

Make up missing assignments (Check Google Classroom or StudentVue)

Thursday

Learning Activity - Conversion Practice with Fractions, Decimals, and Percents all conversions then student practice to check for understanding with Google Document chart (Matching FDP in Google Classroom)

Assignment - Converting Fractions, Decimals, and Percents with representations Google Document (graded) in Google Classroom

Friday

Learning Activity - Compare & Order Fractions, Decimals, and Percents

Assignment - Converting Converting Fractions, Decimals, and Percents Practice with Google Document Chart
pink in Google Classroom



Week of: September 21

Subject: Math 6

SOL(s): 6.2

1. What am I learning? Today I am learning to convert fractions, decimal, and percents
2. Why am I learning this? So I can represent equal relationships between fractions, decimal, and percents
3. How will I know I've learned it? I am able to compare and order fractions, decimal, and percents

Monday

Learning Activity - Writing an improper fraction and mixed fraction from an illustration

Assignment: [Fractions review | 5th grade math](#)
[Equivalent fractions | 5th grade math](#)

Tuesday

Learning Activity - Review long division of fractions with practice (no calculators)

Assignment - [Write fractions in lowest terms | 6th grade math](#)

Wednesday (At-home learning)

Assignment- [Converting Base-10 Fractions](#) video

[Converting Any Fraction](#)

Make up missing assignments

Thursday

Learning Activity - Converting fractions to decimal Google slides then exit ticket

Assignment - [Converting Fractions to Decimals](#) video

[Convert fractions to decimals | 6th grade math](#)

Friday

Learning Activity - Convert decimals to fractions Google Slides then practice

Assignment - [Converting Decimals to Fractions](#) video

[IXL | Convert decimals to fractions | 6th grade math](#)



Week of: September 14

Subject: Math 6

SOL(s): 6.3

- 1. What am I learning? I am learning to describe the value of absolute value**
- 2. Why am I learning this? So I can determine the value of integers**
- 3. How will I know I've learned it? I am able to describe and determine the value of absolute value**

Monday

Learning Activity - What is Absolute Value Presentation

Assignment: Integer in words matching activity available in Google Classroom

Tuesday

Learning Activity - Absolute Value in the real world presentation and check for understanding

Assignment - Finding and identifying absolute value IXL to at least 80%

[Understanding absolute value | 6th grade math](#)

[IXL | Absolute value | 6th grade math](#)

Wednesday (At-home learning)

Assignment- Absolute Value video and complete missing assignments (teachers will contact students that have missing work)

[Absolute Value Video Lesson](#)

Thursday

Learning Activity - Review Activities for test on Integers on Friday, September 11

Assignment -Self check test review available in Google Classroom

Friday

Learning Activity - Integer test

Assignment - Video to introduce next unit on Fractions, Decimals, and Percents

<https://youtu.be/X4DNPHU8fik>



Week of: September 7

Subject: Math 6

SOL(s): 6.3

- 1. What am I learning? I am learning to identify and represent integers**
- 2. Why am I learning this? So I can compare and order whole numbers**
- 3. How will I know I've learned it? I am able to identify, order, and compare whole numbers**

Monday

Learning Activity - NO SCHOOL

Assignment: HAPPY LABOR DAY!

Tuesday

Learning Activity - Unit Test on Exponents and Perfect Squares

Assignment -Watch Math Antics video Negative Numbers and Complete Google Doc Questions

Wednesday (At-home learning)

Assignment- IXL comparing whole numbers to a score of 80

Thursday

Learning Activity - Introduce Integers presentation on vocabulary and IXL on ordering integers to a score of 80

Assignment -Video on integers and Jamboard activity on comparing integers to 80

Friday

Learning Activity - Integers presentation on comparing and ordering and check for understanding

Assignment - One IXL on comparing and ordering integers to a score of 80



Week of: August 31

Subject: Math 6

SOL(s): 6.4

- 1. What am I learning? I am learning about exponents**
- 2. Why am I learning this? So I can simplify expressions**
- 3. How will I know I've learned it? I am able to recognize and represent patterns with bases and exponents**

Monday

Learning Activity - Powers of 10 Presentation and IXL on Powers of 10 practice

Assignment: Finish Diagnostic Test or Exponent IXL

Tuesday

Learning Activity - Introduce Perfect Squares presentation and check for understanding with Jamboard activity identifying the perfect squares

Assignment -Watch video on powers of 10 and practice powers of 10 on Khan Academy website posted on Google Classroom

Wednesday (At-home learning)

Assignment -Video on Perfect Squares and Perfect Square IXL in Google Classroom

Thursday

Learning Activity - Finding patterns with exponents/perfect squares presentation

Assignment - Interactive exponents review with Google Slides in Google Classroom

Friday

Learning Activity - Self paced practice quiz video in Google Classroom for test on Tuesday, September 8.

Assignment - Review notes in notebooks and watch videos on Google Classroom for exponents test on Tuesday, September 8.



Week of: August 24

Subject: Math 6

SOL(s): 6.4

- 1. What am I learning? I am learning about exponents**
- 2. Why am I learning this? So I can simplify expressions**
- 3. How will I know I've learned it? I am able to recognize and represent patterns with bases and exponents**

Monday

Learning Activity - Exponents Introduction Presentation

Assignment -Watch video on using IXL and work on the IXL Diagnostic (15 minutes)

Tuesday

Learning Activity - Vocabulary activity and exponents presentation
Video on exponents

Assignment - IXL Diagnostic (15 minutes)

Wednesday (At-home learning)

Assignment - IXL Diagnostic (15 minutes)

Thursday

Learning Activity - Exponent Review and Practice

Video on exponents

Assignment - IXL Diagnostic or IXL with exponents (15 minutes)

Friday

Learning Activity - Check for understanding quiz and Kahoot game

Assignment - IXL Diagnostic or IXL with exponents (15 minutes)



Week of: August 17

Subject: Math 6

SOL(s)

- 1. What am I learning?** The rules and expectations of my virtual classroom
- 2. Why am I learning this?** So I can be a respectful, responsible, and productive participant of the virtual classroom.
- 3. How will I know I've learned it?** I am able to participate in my virtual classroom with my peers in a respectful, responsible, and productive manner.

Monday

Homeroom Orientation- 8:00-10:00 (group 1)

12:00-2:00 (group 2)

Tuesday

Homeroom Orientation- 8:00-10:00 (group 1)

12:00-2:00 (group 2)

Wednesday (At-home learning)

Parent Orientation 12:00-1:00

Tiger Cubs Meeting (see google classroom for the meeting link)

Thursday

Learning Activity - Virtual Classroom Expectations and Routines

Assignment - Complete the getting to know you Google Form (located in Google Classroom)

Friday

Learning Activity - Thumbs Up/Thumbs Down warm up, How to access IXL, Access the IXL Diagnostic Assessment

Assignment - Watch the IXL Access Video, Complete the Google Classroom Scavenger Hunt



Week of:

Subject: Math 6

SOL(s):

1. What am I learning?
2. Why am I learning this?
3. How will I know I've learned it?

Monday

Learning Activity -

Assignment -

Tuesday

Learning Activity -

Assignment -

Wednesday (At-home learning)

Assignment -

Thursday

Learning Activity -

Assignment -

Friday

Learning Activity -

Assignment -