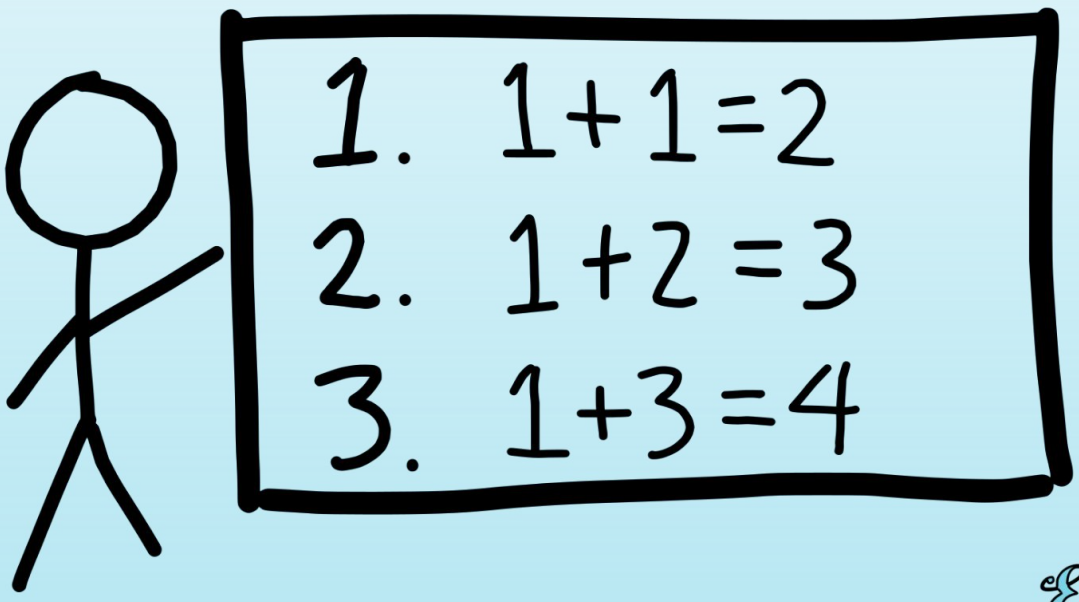
6th Grade Math Lesson Plans



Educational EMPORIUM

For EVERY Standard

6th Grade Math Lesson Plans

Congratulations on downloading my **FREE** 6th Grade Math Lesson Plans! If you enjoy this free resource and want to ensure it stays free, please leave a positive review.

Each standard has its own lesson, written in roughly one page of bullet points.

On the following page, you'll find a list of all the standards. **Click each one** to go to its lesson plan. Click each domain heading to go to the domain overview. Click this link to view the **6th Grade Math Lesson Plans Overview**, to see how all of the lesson plans fit together.

After clicking each of the links provided on the next page, you may **print** each lesson directly from the browser using the "File" menu in the upper left. If you would like to **edit** the lesson plan files, sign into your Google account. Once signed in, click "**File**", and then "**Make a copy**". After you've made a copy, you'll find that copy in your Google Drive at https://drive.google.com/drive where you'll have full **edit** access.

From the "File" menu, you can also download the document as a **PDF** or an **editable Word file**. Again, you must be logged into Google Drive in order to do this.

In this document, you'll also find a **pacing guide** to ensure that you cover each standard in a logical progression throughout the year.

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Again, your positive review is greatly appreciated and allows me to continue producing high-quality content accessible for all. Feel free to email me at EducationalEmporiumTpT@gmail.com with any questions.

6th Grade Math Lesson Plans

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6th Grade Math Lesson Plans

Click the links to read the lesson plans!

The Number System

- 6.NS.1 - Quotients of Fractions
- 6.NS.2 - Dividing Multi-Digit Numbers
- 6.NS.3 - Multi-Digit Decimals
- 6.NS.4 - GCF and LCM
- 6.NS.5 - Positive and Negative Numbers
- 6.NS.6 - Coordinate Planes
- 6.NS.7 - Ordering and Absolute Value
- 6.NS.8 - Using a Coordinate Plane

Ratios & Proportional Relationships

- 6.RP.1 - Ratios and Vocabulary
- 6.RP.2 - Unit Rates of Ratios
- 6.RP.3 - Real World Ratios and Rates

Expression & Equations

- 6.EE.1 - Whole Number Exponents
- 6.EE.2 - Variables
- 6.EE.3 - Equivalent Expressions
- 6.EE.4 - Identify Equivalent Expressions
- 6.EE.5 - Substitution in Equations and Inequalities
- 6.EE.6 - Real World Variables
- 6.EE.7 - Equations with Forms x+p=q and px=q
- 6.EE.8 - Real World Inequalities
- 6.EE.9 - Real World Dependent and Independent Variables

Geometry

- 6.G.1 - Areas: Compose, Decompose, and Real-World
- 6.G.2 - Volumes of Right Rectangular Prisms
- 6.G.3 - Polygons and Distances in Coordinate Planes
- 6.G.4 - Finding the Surface Area Using Nets

Statistics & Probability

- 6.SP.1 - Statistical Questions
- 6.SP.2 - Center, Spread, and Shape of Distribution
- 6.SP.3 - Center and Variation
- 6.SP.4 - Displaying Numerical Data
- 6.SP.5 - Summarize Numerical Data Sets

Pacing Guide

Date	Week	Standard
17-Aug	1	6.NS.1 - Fractions divided by fractions
24-Aug	2	6.NS.2 - Multi-digit division
31-Aug	3	6.NS.3 - Add, subtract, multiply, and divide multi-digit decimals
7-Sep	4	6.NS.4 - Greatest common factors and least common multiples
14-Sep	5	6.NS.5 - Negative numbers / opposite numbers
21-Sep	6	6.NS.6 - Negatives on number lines and ordered pairs
28-Sep	7	6.NS.7 - Ordering absolute values of rational numbers
5-Oct	8	6.NS.8 - Real-world graphing
12-Oct	9	**Review and Test of The Number System Domain**
19-Oct	10	6.RP.1 - Ratios and vocabulary
26-Oct	11	6.RP.2 - Unit rates
2-Nov	12	6.RP.3 - Real-world ratios and rates
9-Nov	13	**Review and Test of Ratios & Proportional Relationships Domain**
16-Nov	14	6.EE.1 - Whole-number exponents
23-Nov	15	6.EE.2 - Variables (letters stand for numbers)
30-Nov	16	6.EE.3 - Generate equivalent expressions
7-Dec	17	6.EE.4 - Identify equivalent expressions
14-Dec	18	6.EE.5 - Solving equations and inequalities by substitution
21-Dec		Christmas Break
28-Dec		Christmas Break
3-Jan	19	6.EE.6 - Real-world variables
10-Jan	20	6.EE.7 - Equations of the form x + p = q and px = q
17-Jan	21	6.EE.8 - Real-world inequalities
24-Jan	22	6.EE.9 - Real-world dependent and independent variables
31-Jan	23	**Review and Test of Expressions & Equations Domain**
7-Feb	24	6.G.1 - Areas: compose, decompose, and real-world
14-Feb	25	6.G.2 - Volumes of right rectangular prisms
21-Feb	26	6.G.3 - Polygons and distances in the coordinate plane
28-Feb	27	6.G.4 - Surface areas using nets
7-Mar	28	**Review and Test of Geometry Domain**
14-Mar	29	Finish Geometry if you have fallen behind; coast into spring break; or begin
21-Mar	30	the SP domain early. This is also a good window for state testing.
28-Mar		Spring Break
4-Apr	31	6.SP.1 - Statistical questions
11-Apr	32	6.SP.2 - Center, spread, and shape of a distribution
18-Apr	33	6.SP.3 - Center and variation
25-Apr	34	6.SP.4 - Numerical data on number lines, dot plots, histograms, and box plots
2-May	35	6.SP.5 - Summarize numerical data sets in their context
9-May	36	**Review and Test of Statistics & Probability Domain**
16-May	37	Use these remaining weeks for state assessments or to finish the
23-May	38	curriculum if you have fallen behind.

This variation of the pacing guide reflects a more traditional order of topics, but the EE domain is split in half by Christmas break.

Pacing Guide

Date	Week	Standard
17-Aug	1	6.NS.1 - Fractions divided by fractions
24-Aug	2	6.NS.2 - Multi-digit division
31-Aug	3	6.NS.3 - Add, subtract, multiply, and divide multi-digit decimals
7-Sep	4	6.NS.4 - Greatest common factors and least common multiples
14-Sep	5	6.NS.5 - Negative numbers / opposite numbers
21-Sep	6	6.NS.6 - Negatives on number lines and ordered pairs
28-Sep	7	6.NS.7 - Ordering absolute values of rational numbers
5-Oct	8	6.NS.8 - Real-world graphing
12-Oct	9	**Review and Test of The Number System Domain**
19-Oct	10	6.RP.1 - Ratios and vocabulary
26-Oct	11	6.RP.2 - Unit rates
2-Nov	12	6.RP.3 - Real-world ratios and rates
9-Nov	13	**Review and Test of Ratios & Proportional Relationships Domain**
16-Nov	14	6.G.1 - Areas: compose, decompose, and real-world
23-Nov	15	6.G.2 - Volumes of right rectangular prisms
30-Nov	16	6.G.3 - Polygons and distances in the coordinate plane
7-Dec	17	6.G.4 - Surface areas using nets
14-Dec	18	**Review and Test of Geometry Domain**
21-Dec		Christmas Break
28-Dec		Christmas Break
3-Jan	19	6.EE.1 - Whole-number exponents
10-Jan	20	6.EE.2 - Variables (letters stand for numbers)
17-Jan	21	6.EE.3 - Generate equivalent expressions
24-Jan	22	6.EE.4 - Identify equivalent expressions
31-Jan	23	6.EE.5 - Solving equations and inequalities by substitution
7-Feb	24	6.EE.6 - Real-world variables
14-Feb	25	6.EE.7 - Equations of the form $x + p = q$ and $px = q$
21-Feb	26	6.EE.8 - Real-world inequalities
28-Feb	27	6.EE.9 - Real-world dependent and independent variables
7-Mar	28	**Review and Test of Expressions & Equations Domain**
14-Mar	29	Finish EE if you have fallen behind; coast into spring break; or begin the SP
21-Mar	30	domain early. This is also a good window for state testing.
28-Mar		Spring Break
4-Apr	31	6.SP.1 - Statistical questions
11-Apr	32	6.SP.2 - Center, spread, and shape of a distribution
18-Apr	33	6.SP.3 - Center and variation
25-Apr	34	6.SP.4 - Numerical data on number lines, dot plots, histograms, and box plots
2-May	35	6.SP.5 - Summarize numerical data sets in their context
9-May	36	**Review and Test of Statistics & Probability Domain**
16-May	37	Use these remaining weeks for state assessments or to finish the
23-May	38	curriculum if you have fallen behind.

This variation of the pacing guide introduces Geometry earlier than some schedules in order to avoid having Christmas break in the middle of the EE domain.