

Studer 6th Grade Momentum Math					
Unit	Essential Questions	Standards & Skills	Common Assessments	Learning Activities	Resources/Technology
Fact Fluency Bellwork	Work on basic facts/buliding and reinforcing	2.OA		MobyMax Fact Fluency for 5 minutes per day	MobyMax
Multiplying and Dividing Whole Numbers	What does multiplication represent? What is a multiple? What strategies can you use to memorize multiplication facts? What strategies can you use to memorize the multiplication facts for 7, 8, and 9? What strategies can you use to find factors of a number? What algorithms can you use for multiplication? What does division represent? How does long division work? What is the relationship between multiplication and division? How are multiplication and division used in the real world?	3.OA.A.1, 3.OA.A.2, 3.OA.A.3, 3.OA.A.4, 3.OA.B.5, 3.OA.B.6, 3.OA.C.7, 4. OA.B.4, 4. NBT.B.5, 4.NBT.B.6, 6.NS.B.2, 6.EE.A.1	Formative: Momentum Math worksheets. Summative: Momentum Math Mini Quiz. Momentum Math Unit Tests.	Notes, guided practice, Google Slide/Sheets activities, online games, IXL, Mobymax, Quizizz, White board activities, Flash cards	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, Mobymax, Quizizz, TeachersPayTeachers
Fraction Concepts	What do fractions represent? How can you describe the numbers 1 and 0 as fractions? What do the numerator and denominator of a fraction tell you? How do fractions describe parts of a set? How are fractions related to division? How can you tell whether two fractions describe the same value? How do the numerator and denominator affect the value of a fraction? How do you combine fractions? How are improper fractions and mixed numbers related? How do you find a fraction on the number line?	2.G.A.2, 2.G.A.3, 3.NF.A.1, 3. NF.A.2, 3.NF.A.3, 3.G.A.2, 4. NF.A.1, 4.NF.A.2, 4.NF.B.3, 4.NF.B.5, 5.NF.B.3, 6.NS.1	Formative: Momentum Math worksheets. Summative: Momentum Math Mini Quiz. Momentum Math Unit Tests.	Notes, guided practice, Google Slide/Sheets activities, EdPuzzle videos, online games, IXL, Mobymax, Quizizz, White board activities	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL. Mobymax. Quizizz. EdPuzzle. TeachersPayTeachers.
Fraction Operations	How is combining fractions like combining whole numbers, and how is it different? How do you add and subtract fractions when they do not have the same denominator? How do you regroup when you add improper fractions and mixed numbers? How do you regroup when you subtract improper fractions and mixed numbers? When do you add and subtract fractions in the real world? What strategies can you use to multiply a whole number by a fraction? How do you multiply a fraction by a fraction? What does dividing by a fraction represent? When do you multiply and divide fractions in the real world?	4.NF.B.3, 4.NF.B.4, 5.NF.A.1, 5.NF.A.2, 5.NF.B.4, 5.NF.B.6, 5.NF.B.7, 6.NS.1, 6.NS.4	Formative: Momentum Math worksheets. Summative: Momentum Math Mini Quiz. Momentum Math Unit Tests.	Notes, guided practice, Google Slide/Sheets activities, EdPuzzle videos, online games, IXL, Mobymax, Quizizz, White board activities	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL. Mobymax. Quizizz. EdPuzzle. TeachersPayTeachers.

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Decimal Operations	How do you determine the value of a group of coins and bills? How are decimals and fractions related to money? Where do decimals fall on a number line? How can you tell how big a decimal is? How can you compare fractions and decimals? How is adding decimals like adding whole numbers and how is it like adding money? How is subtracting decimals like subtracting whole numbers and how is it like subtracting fractions? How do you multiply decimals? How do you divide decimals?	2.MD.C.8, 5.NBT.A.3, 5.NBT.B.7, 6.NS.3	Formative: Momentum Math worksheets. Summative: Momentum Math Mini Quiz. Momentum Math Unit Tests.	Notes, guided practice, Google Slide/Sheets activities, EdPuzzle videos, online games, IXL, MobyMax, Quizizz, White board activities	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL. MobyMax. Quizizz. EdPuzzle. TeachersPayTeachers.
Two Dimensional Geometry	What is a perimeter? How can you calculate the perimeter of a composite figure? What is pi? How can you calculate the distance around the edge of a circle? What is area? How can you calculate the area of a rectangle? How can you calculate the area of a triangle? How can you calculate the area of a parallelogram? How can you calculate the area inside a circle? How can you calculate the area of a composite figure?	3.MD.C.5, 3.MD.C.6, 3.MD.C.7, 3.MD.D.8, 4.MD.A.3, 6.G.1, 7.G.4	Formative: Momentum Math worksheets. Summative: Momentum Math Mini Quiz. Momentum Math Unit Tests.	Notes, guided practice, Google Slide/Sheets activities, EdPuzzle videos, online games, IXL, MobyMax, Quizizz, White board activities	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL. MobyMax. Quizizz. EdPuzzle. TeachersPayTeachers.
Data Displays	How are pictographs used to interpret data? How can you understand the information in a bar graph? How are line graphs used to interpret data? How do you create a bar graph? How do you create a line graph? How are double-bar and double-line graphs used to interpret data? How do you create a double-bar graph? How do you create a double-line graph? How are circle graphs used to display data? How do you choose the type of graph that best represents the data?	2.MD.D.10, 3.MD.B.3, 4.MD.B.4, 4.MD.C.5, 6.SP.B.4	Formative: Momentum Math worksheets. Summative: Momentum Math Mini Quiz. Momentum Math Unit Tests.	Notes, guided practice, Google Slide/Sheets activities, EdPuzzle videos, online games, IXL, MobyMax, Quizizz, White board activities	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL. MobyMax. Quizizz. EdPuzzle. TeachersPayTeachers.