Studer 8th grade SpEd 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
Operations on Rational Numbers	What is a negative number? How is adding negative numbers like adding postive numbers, and how is it different? How is subtracting negative numbers like subtracting postive numbers, and how is it different? How is multiplying and dividing negative numbers like multiplying and dividing postive numbers, and how is it different? Where do positive and negative fractions fall on the number line? How do you regroup to add and subtract improper fractions and mixed numbers? How is multiplying and dividing improper fractions and mixed numbers like multiplying and dividing proper fractions? What strategies can you use to add and subtract rational numbers more easily? How do you multiply and divide signed rational numbers? What do exponents represent?	6.NS.A.1, 6.NS.B.3, 6.NS.C.5, 6.NS.C.6, 6.NS.C.7, 6.EE.A.1, 7.NS.A.1, 7.NS.A.2, 7.NS.A.3,	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	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, MobyMax, Quizizz, TeachersPayTeachers
Ratios and Proportions	What do ratios represent? How are ratios used to describe the relative size of two quantities? How are the numbers in a proportion related? How can you use cross-products to find a missing number in a proportion? How can you use a proportion to solve a percent problem? How can you use parts of a whole to describe how likely an event is? What is rate? How can you use proportions to solve rate problems? What is speed? What strategies can you use to solve multistep rate problems?	6.RP.A.1, 6.RP.A.1, 6.RP.A.3, 7.RP.A.1, 7.RP.A.3	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	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, MobyMax, Quizizz, TeachersPayTeachers

Equations and Inequalities	What is a balanced equation? How do you balance an equation with addition and subtraction? How do you balance an equation with multiplication and division? How do you isolate a variable in more than one step? How do you isolate a variable in more than one step? How can the distributive property help you simplify an equations before you solve it? When do you use equations in the real world? How can you use an equation to solve a percent problem? What is an inequality? How can you solve an inequality? When do you use inequalities in the real world?	6.EE.A.2, 6.EE.A.3, 6.EE.A.4, 6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8, 6.EE.C.9, 7.EE.A.1, 7.EE.A.2, 7.EE.B.3, 7.EE.B.4,	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	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, MobyMax, Quizizz, TeachersPayTeachers
Functions and Graphing	How can you plot points on a coordinate grid? How is an equation related to a rule? What is a function? What is rate of change? What is the slope of a line? What does the graph of a linear function in the form of y=mx look like? How does changing the y-intercept of a linear function affec its graph? When a linear function describes a real-world relationship, what do the slope and the y-intercept represent? How are nonlinear functions different from linear functions	5.G.A.1, 5.G.A.2, 7.RP.A.2, 8.F.A.1, 8.F.A.2, 8.F.A.3, 8.F.B.4, 8.F.B.5, 8.EE.B.5, 8.EE.B.6	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	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, MobyMax, Quizizz, TeachersPayTeachers
Measurement	What does it mean to measure to the nearest unit? What strategies can you use to convert measurements from one unit to another? How can you determine the length of a line segment on a coordinate grid? How are angles measured? How can you describe the ways two lines meet? What is the relationship between complementary and supplementary angles? What features define different types of triangles? What makes a right triangle special? How can you find the length of the hypotenuse of a right triangle? How can you find the length of a missing leg of a right triangle?	2.MD.A.1, 4.MD.C.5, 4.MD.C.6, 4.MD.C.7, 4.G.A.1, 6.RP.3, 7.G.B.5, 8.G.B.6, 8.G.B.7,	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	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, MobyMax, Quizizz, TeachersPayTeachers

Data and Statistics	How can you accurately survey a population? How do you interpert frequency tables and line plots? How is data represented in a histogram? How is a stem-and-leaf plot used? What is the mean of a set of data? What is a median? How can you use data to create a box-and-whisker plot? How do you determine whether to use the mean, median, or mode to represent data? How can you interpret the relationship between two sets of data using a scatter plot? How do you create a scatter plot from a data table?	6.SP.A.1, 6.SP.A.2, 6.SP.A.3, 6.SP.B.4, 6.SP.B.5, 7.SP.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	Lift PCI Momentum Math textbook. Momentum Math practice book. IXL, MobyMax, Quizizz, TeachersPayTeachers