

**SYVCS 6th Grade Math & Science Curriculum
2019/20
Mr. Pettit**

Month	Math	Science
Aug/Sept	CPM Ch. 1 - Intro - Representation - Math Strategies	Unit 1: Science and Engineering - Engineering Problems - Developing/Testing Solutions
Oct	CPM Ch. 2 -Area & Multiplication -Distributive Property	Unit 2: Systems in Organisms & Earth : Intro to "Systems" - Using models to study natural systems - Cells are Living Systems - Plants " " -
Nov	CPM Ch. 3 - Portions - Rational Numbers	Unit 3: The Flow of Energy in Systems - Energy flows and causes change
Dec	CPM Ch.4 -Variables - Ratios	- transfer of energy - Comparing thermal energy in objects
Jan	CPM Ch. 5 -Multiplying Fractions - Area of Polygons	Unit 4: Weather and Climate - Earth's atmosphere (air moves) - " Oceans (water moves)
Feb	CPM Ch. 6 - Dividing Fractions - Building Expressions	- Weather patterns - Earth's regional climates
Mar	CPM Ch.7 - Rates & Operations - Algebraic Equations	Unit 5: Environmental and Genetic Influence on Organisms - adaptation
Apr	CPM Ch.8 - Statistics - Unit Rates	- trait inheritance - reproduction - plant/animal survival
May/June	CPM Ch. 9 - Volume - Percents	Unit 6: Human Impacts on the Environment - Climate Change - Reducing human impacts