

## Grade 6 Math Year Plan 2018-2019

| August 28, 2018 -- November 1, 2018  | November 4, 2018 -- January 17, 2019  | January 20, 2019 -- March 21, 2019   | March 24, 2019 -- June 3, 2019  |
|--|---|--|---|
| <p><b>Unit 1 – The number system</b></p> <ul style="list-style-type: none"> <li>● Chapter 1- Whole numbers and Decimals</li> <li>● Chapter 2 – Fractions</li> <li>● Chapter 3 – Rational Numbers</li> </ul>  | <p><b>Unit 2 – Ratios and Rates</b></p> <ul style="list-style-type: none"> <li>● Chapter 4 – Ratios and Rates</li> <li>● Chapter 5 – Percents</li> <li>● Chapter 6 – Units Of Measure</li> </ul>  | <p><b>Unit 3 – Algebra</b></p> <ul style="list-style-type: none"> <li>● Chapter 7 – Expressions</li> <li>● Chapter 8 - Equations and Inequalities</li> <li>● Chapter 9 – Relationships Between Variables</li> </ul>  | <p><b>Unit 4 – Area</b></p> <ul style="list-style-type: none"> <li>● Chapter 10 – Area</li> <li>● Chapter 11 – Surface Area and Volume</li> </ul> <p><b>Unit 5 – Data and Statistics</b></p> <ul style="list-style-type: none"> <li>● Chapter 12 – Data Displays and Measures</li> <li>● Chapter 13 – Variability and Data distributions</li> </ul>   |
| <p><b><u>Global Citizenship</u></b></p> <p>*Use the concept of sharing to explore inequality in a world where seven out of ten people live in countries where economic inequality has increased in the last 30 years (Oxfam, 2014). Use ratio or fractions to describe different equal and unequal distributions.</p> <p>* Order and compare fractions, decimals and percentages by exploring real-life data such as average incomes, literacy rates and life expectancy in different countries.</p> | <p><b><u>Global Citizenship</u></b></p> <p>* Explore average wages and the issue of a living wage in a world where it is estimated that around 1 billion people still live in extreme poverty (defined as living on less than \$1.25 dollars per day, Oxfam, 2014)*.</p> <p>* Measure the volumes of water learners use for different daily activities and compare this with domestic water use in other countries. See Oxfam’s Water Week, Water Diary activity.</p> | <p><b><u>Global Citizenship</u></b></p> <p>* Algebra can explain how quickly water becomes contaminated and how many people in a third-world country drinking that water might become sickened on a yearly basis.</p> <p><a href="https://asiasociety.org/education/understanding-world-through-math">https://asiasociety.org/education/understanding-world-through-math</a></p> | <p><b><u>Global Citizenship</u></b></p> <p>* Measure the volumes of water learners use for different daily activities and compare this with domestic water use in other countries. See Oxfam’s Water Week, Water Diary activity.</p> <p>* Examine the change over time in statistics such as life expectancy and GDP in different countries and explore questions such as: Have literacy rates improved or worsened? Has the gap between rich and poor widened or closed?</p> |