## Course Outlines

| GEOMETRY |  |  |  | \% | - | n | \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEASUREMENT |  |  | Resources |  |  |  |  |
| Introduction | Don't forget to mention | CCR |  |  |  |  |  |
| Fractions <br> *If fractions are not a need for 70\% of the total class, do not teach independently and start in Measurement. (Fractions are included in most of the concepts to be taught below, so you will need to explain in context) *If factions are a need for the majority of the class, teach independently. Make sure do not spend more than 1 week in this concept. | What is a fraction <br> Factorize/simplify <br> Add, subtract <br> Multiplication and Division <br> Fractions in the calculator. | Fractions <br> Level B: <br> 3.NF.1, 3.NF.2, 3.NF.2a, 3.NF.2b <br> Level C: <br> 4.NF.1, 4.NF.2, 4.NF.3c, 4.NF.3d, 4.NF.4, <br> 4.NF.4a, 4.NF.4b, 4.NF.4c, 5.NF.1, <br> 5.NF.3, , 5.NF.4, 5.NF.7, 5.NF.7a, <br> 5.NF.7b, 6.RP.1, 6.RP. 2 <br> Fractions: <br> Level D: <br> 6.NS.7, 7.NS.1, 7.NS.1b, 7.NS.1c, <br> 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, <br> 7.NS.2c, 7.NS.2d, 7.NS.3, <br> Level E: <br> N.RN.2, |  |  |  |  |  |
| Measurement | What is measurement? Why is it important? Explain US Customary System and Metric system. <br> Measure lengths <br> Represent and interpret data <br> Solve problems involving measurement and estimation of intervals of time, liquid volumes and masses of objects Convert measurements | ```Numbers base ten Level A: 1.NBT., 1.NBT.3, 1.NBT.4, 1.NBT. 5 Level B: 2.NBT.1, 2.NBT.2, 2.NBT.3, 2.NBT.4, 2.NBT.7, 2.NBT.8, 2.NBT.9, 3.NBT.2, 3.NBT. 3 Level C: 4.NBT.4, 4.NBT.5, 4.NBT.6, 5.NBT.3, 5.NBT.3a, 5.NBT.3b, 5.NBT.5,``` |  |  |  |  |  |
| Data analyses | Recognize, represent and interpret data Interpret charts and graphs Measure lengths on graphs and create accurate representation of data | 5.NBT.6, , 5.NBT.7, 6.NS.2, 6.NS. 3 <br> Ratio and Proportion Level D: <br> 7.RP. 1 <br> Number and Quantity: <br> Level E: |  |  |  |  |  |
| Statistical Data Set <br> Mean, Median, Mode and range | Understand statistical variability Describe distributions <br> Random samplers to draw inferences about population <br> Comparative inferences about populations Probability models | $\begin{aligned} & \text { Level t: } \\ & \text { N.Q. } \end{aligned}$ <br> Algebra and Functions <br> Level B: $\text { 2.OA. } 2$ <br> Geometry <br> Level A: |  |  |  |  |  |

1 | P a g e


2 | P a g e




4 | P a g e


