Unit Name	Investigation	Sessions	Math Main Ideas	Assessments
UNIT 2 – GENERATING & REPRESENTING MEASUREMENT DATA *Modeling with data*	**1-2**	**9** **Approx. 8 days**		**Checklists, Games, Quizzes, and Unit Test**
4.OA.A.2 Multiply or divide to solve word problems involving multiplicative comparison **4.OA.A.3** Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations **4.OA.B.4** Find all factor pairs for a whole number in the range 1–100 **4.OA.C.5** Generate a number or shape pattern that follows a given rule **4.NBT.B.4** Fluently add and subtract multi-digit whole numbers using the standard algorithm. **4.NBT.B.5** Multiply a whole number of up to four digits by a one-digit whole number **4.MD.A.1** Know relative sizes of measurement units within one system of units including km, m, cm; smaller unit. **4.MD.A.2** Use the four operations to solve word problems involving distances, intervals of time **4.MD.B.4** Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8)	**1- MODELING WITH DATA** **2- USING DATA TO COMPARE**	**1.1- 1.5** ***Combine sessions 1 &2. Refer to pacing guide** **2.2 – 2.5** ***Skip session 2.1** ***Combine sessions 2 & 3 Refer to pacing guide**	**Representing data** **Describing summarizing, and comparing data** **Analyzing and interpreting data** **Generating Measurement Data** **Representing data** **Describing, summarizing, and comparing data** **Analyzing and interpreting data** **Generating measurement data**	**A7-A8 Comparing Numbers of Cavities Session 1.5** **A9 Collecting and Comparing Data Session 2.3** **A10 Assessment Checklist, Session 2.4** **Quiz 1 A11 Session 2.5** **A12-13 Was it Hotter in Philadelphia or Boston? Session 2.6** **UNIT 2 TEST**