## Data & Measurement Snapshot Unit 1 8/14/13 - 9/3/13

|        | UIILI 0/14,  | 15 – 9/5/15  |
|--------|--|--|
| Day    | Learning Target  | Activity/Assessment  |
| Day 1  | I can identify Patterns and explain them in words.   | Course Syllabus<br>Simon Says Activity<br>Practice   |
| Day 2  | I can identify an arithmetic sequence and find unknown values.   | Quality Core Bell Ringer<br>Arithmetic Sequences Notes<br>Practice                           |
| Day 3  | I can identify an arithmetic sequence and find unknown values.   | Quality Core Bell Ringer<br>Arithmetic Sequences Practice                                    |
| Day 4  | I can use arithmetic sequences to solve real-world problems.   | Review Arithmetic Sequences<br>Lining Up Activity<br>Real World Arithmetic Sequences         |
| Day 5  | I can write an equation for an<br>Arithmetic Series.   | Quality Core Bell Ringer<br>Movie Time Activity<br>Intro Arithmetic Series Notes<br>Practice |
| Day 6  | I can use Arithmetic Series to find terms and write equations.   | Quality Core Bell Ringer<br>Arithmetic Series Activity<br>Arithmetic Series Practice         |
| Day 7  | I can decide when to use Arithmetic Series and Arithmetic Sequences.   | Quality Core Bell Ringer<br>Practice Arithmetic Sequences/Series                             |
| Day 8  | I can identify different patterns and explain them in words.   | Quiz<br>Growing Geometrically Activity   |
| Day 9  | I can find a formula for the nth term of a geometric sequence.   | Quality Core Bell Ringer<br>Notes on Geometric Sequences<br>Practice/Exit Slip               |
| Day 10 | I can find a formula for the nth<br>term of a geometric sequence and<br>the sum of the first n terms of a<br>geometric series. | Quality Core Bell Ringer<br>Notes on Geometric Series<br>Practice                            |
| Day 11 | I can find a formula for the nth<br>term of a geometric sequence and<br>the sum of the first n terms of a<br>geometric series. | Quality Core Bell Ringer<br>Review<br>Practice 11-4  |
| Day 12 | I can find a formula for the nth<br>term of a geometric sequence and<br>the sum of the first n terms of a<br>geometric series. | Quality Core Bell Ringer<br>Review<br>Geometric Sequence/Series Practice<br>Exit Slip        |
| Day 13 | I can apply the formula for the nth<br>term of an arithmetic and<br>geometric sequence and the sum of                          | Quality Core Bell Ringer<br>Review/Practice  |

|        | the first n terms of an arithmetic and geometric series.   |                          |
|--------|--|--------------------------|
| Day 14 | I can apply the formula for the nth<br>term of an arithmetic and<br>geometric sequence and the sum of<br>the first n terms of an arithmetic<br>and geometric series. | Sequence and Series Test |