

| <b>DATE</b> | <b>LEARNING TARGET</b>  | <b>Topic</b>   | <b>Assignment/Activity/Formative Assessment</b>  |
|-------------|---|--|--|
| 8/14        | I can explore arithmetic sequences.   | Arithmetic Sequences                                   | Discuss Syllabus<br>Simon Says<br>Find the next four terms Worksheet   |
| 8/15        | I can find a formula for the nth term of an arithmetic sequences and the sum of the first n terms of an arithmetic sequence.  | Arithmetic Sequences                                   | Bell Ringer<br>Discuss Homework Solutions<br>Skills Practice 11-1  |
| 8/16        | I can find a formula for the nth term of an arithmetic sequences and the sum of the first n terms of an arithmetic sequence.  | Arithmetic Sequences                                   | Bell Ringer<br>Discuss Homework Solutions<br>Signed Syllabus Sheet<br>Practice 11-1<br>Exit Slip                     |
| 8/19        | I can find a formula for the nth term of an arithmetic sequences and the sum of the first n terms of an arithmetic sequence.<br>I can see the connections between arithmetic sequences and linear equations.  | Arithmetic Sequences                                   | Bell Ringer<br>Discuss Homework Solutions<br>Turnover Cards<br>Lining it Up<br>Word Problems                         |
| 8/20        | I can use sigma notation.<br>I can find a formula for the nth term of an arithmetic sequence and the sum of the first n terms of an arithmetic sequence.  | Arithmetic Series and Summation Notation               | Bell Ringer<br>Discuss Homework Solutions<br>Movie Times<br>Notes on Series<br>Skills Practice 11-2                  |
| 8/21        | I can use sigma notation.<br>I can apply the formulas for the nth term of an arithmetic sequence and the sum of the first n terms of an arithmetic sequence.  | Arithmetic Series and Summation Notation               | Bell Ringer<br>Discuss Homework Solutions<br>Turnover Cards<br>Practice 11-2   |
| 8/22        | I can find a formula for the nth term of an arithmetic sequence and the sum of the first n terms of an arithmetic sequence.<br>I can use sigma notation.<br>I can apply the formulas for the nth term of an arithmetic sequence and the sum of the first n terms of an arithmetic sequence. | Arithmetic Sequences and Series and Summation Notation | Bell Ringer<br>Discuss Homework Solutions<br>11-2 Practice C<br>Review   |
| 8/23        | I can find a formula for the nth term of an arithmetic sequence and the sum of the first n terms of an arithmetic sequence.<br>I can use sigma notation.<br>I can apply the formulas for the nth term of an arithmetic sequence and the sum of the first n terms of an arithmetic sequence. | Arithmetic Sequences and Series and Summation Notation | Bell Ringer<br>Discuss Homework Solutions<br>Review<br>Arithmetic Sequences and Series Quiz<br>Growing Geometrically |

