

# Unit 1 Schedule: Sequences and Series

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Unit	Unit Title	Date A Day	Lesson Number	Quiz	Lesson Title	Objectives
1	Sequences and Series	Tuesday, August 22, 2017	1-1		Finding Patterns	<ul style="list-style-type: none"> <li>I can determine an explicit expression for a list of numbers.</li> <li>I can determine the recursive process for a list of numbers.</li> <li>I can use those formulas to find terms of a sequence.</li> </ul>
		Thursday, August 24, 2017	1-2		Arithmetic Series	<ul style="list-style-type: none"> <li>I can identify arithmetic and geometric sequences and the differences in them.</li> <li>I can find the common difference of an arithmetic sequence and use it to find missing terms.</li> <li>I can find and use an explicit formula for an arithmetic and geometric sequence.</li> <li>I can find the common ratio of a geometric sequence and use it to find the missing terms.</li> <li>I know what a series is and how it is different from a sequence.</li> <li>I can find the sum of a finite arithmetic series.</li> <li>I can write a series in summation notation.</li> </ul>
		Monday, August 28, 2017	1-3	1a	Geometric Series	<ul style="list-style-type: none"> <li>I can find the sum of a finite geometric series.</li> <li>I can determine if a geometric series converges or diverges.</li> <li>I can find the sum of an infinite geometric series.</li> </ul>
		Wednesday, August 30, 2017	1-4		Binomial Theorem	<ul style="list-style-type: none"> <li>I know what Pascal's Triangle is and how to use it.</li> <li>I can expand a binomial using Pascal's Triangle.</li> </ul>
		Friday, September 01, 2017	Review	1b		
		Wednesday, September 06, 2017	Test			