Topics to Cover – Sequences and Series

* Arithmetic Sequences
  + Finding the nth term
  + Finding the first term, the 10th term or the 100th term etc.
  + Find the general formula
  + Proving a sequence is arithmetic
* Geometric Sequence
  + Finding the nth term
  + Finding the first term, the 10th term or the 100th term etc.
  + Find the general formula
  + Proving a sequence is geometric
* Arithmetic Series
  + Sum of the sequence
  + Be able to read “sigma” notation
* Geometric Series
  + Sum of the sequence
  + Be able to read “sigma” notation
  + Infinite Sum
* Application
  + Growth and Decay
  + Compound Interest
  + Sketch of the graph