## Unit 1 - Sequences

| Day: | Topic: | Classwork |  |
| :---: | :---: | :---: | :---: |
| 1 | 1.1 Checkerboard Borders <br> $\checkmark \quad$ can define quantities and interpret expressions |  |  |
| 2 | 1.2 Growing Dots <br> $\checkmark$ I can represent arithmetic sequences with equations, tables and graphs |  |  |
| 3 | 1.3 Growing, Growing Dots <br> $\checkmark$ I can represent geometric sequences with equations, tables and graphs |  |  |
| 4 | 1.4 Scott's Workout <br> $\checkmark \quad I$ can find the common difference between consecutive terms <br> $\checkmark \quad \mid$ can find the initial value <br> $\checkmark$ I can write recursive and explicit equations for arithmetic sequences |  |  |
| 5 | 1.5 Don't Break the Chain <br> $\checkmark$ I can find the common ratio between consecutive terms <br> $\checkmark \quad$ I can determine the initial value <br> $\checkmark$ I can write recursive and explicit equations for geometric sequences |  |  |
| 6 | QUIZ Then... <br> 1.6 Something to Chew On <br> $\checkmark$ I can write recursive and explicit equations for arithmetic sequences |  |  |
| 7 | 1.7 Chew on This <br> $\checkmark$ I can compare rates of change between arithmetic and geometric sequences |  |  |
| 8 | 1.8 What does it mean? <br> $\checkmark$ I can use rate of change (slope) find missing terms in an arithmetic sequence |  |  |
| 9 | 1.9 Geometric Meanies <br> $\checkmark \quad$ I can use a common ratio to find missing terms in a geometric sequence |  |  |
| 10 | 1.10 I know.. What do you know? REVIEW |  |  |
| 11 | Unit 1 TEST |  |  |

