**Pre-AP Algebra 2 Unit 9 Sequences and Series**

**Reba J Johnson Periods 3, 5, 6 Week May 14 – 18, 2018**

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| **Day/Date** | **Learning Target** | **Agenda** | **Vocabulary** | **Materials Needed** |
| **Unit 9**  **Day 1**  **Monday**  **5/14/18** | **H.2.a, F.BF.2**  **Learning Target –** I can find the next terms of a sequence and write a rule for a sequence. | |  |  | | --- | --- | | **Activity** | **Time** | | Opening Activity | 10 | | Notes | 20 | | Assignment | 20 | | **Sequence**  **Series** | Assignment |
| **Unit 9**  **Day 2**  **Tuesday**  **5/15/18** | **H.2.a, F.BF.2**  **Learning Target –** I can find the nth term of an arithmetic sequence and write the rule for the sequence. | |  |  | | --- | --- | | **Activity** | **Time** | | Flashback | 5 | | HW Check | 5 | | Notes | 15 | | Assignment | 25 | | **Arithmetic sequence**  **Explicit rule** | Assignment |
| **Unit 9**  **Day 3**  **Wednesday**  **5/16/18** | **H.2.c, A.SSE.4**  **Learning Target –** I can find the sum of an arithmetic series. | |  |  | | --- | --- | | **Activity** | **Time** | | Flashback | 5 | | HW Check | 5 | | Notes | 15 | | Assignment | 25 | | **Arithmetic Series** | Assignment |
| **Unit 9**  **Day 4**  **Thursday**  **5/17/18** | **H.2.a, H.2.c, A.SSE.4**  **Learning Target –** I can find the nth term, the sum of a series, write the rule using summation notation. | |  |  | | --- | --- | | **Activity** | **Time** | | Flashback | 10 | | HW Check | 5 | | Notes | 15 | | Assignment |  | | **Summation Notation** | Scavenger Hunt |

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| **Day/Date** | **Learning Target** | **Agenda** | **Vocabulary** | **Materials Needed** |
| **Unit 9**  **Day 5**  **Friday**  **5/18/18** | **S H.2.a, H.2.c, A.SSE.4**  **Learning Target –** I can find the nth term, the sum of a series, and write the rule. | |  |  | | --- | --- | | **Activity** | **Time** | | HW Check | 5 | | Flashback | 25 | | **Quiz 9.1** | **25** | |  | **Quiz 9.1** |