**Snake River High School**

**Class-Algebra II C**

**Course Description – The students will study Exponential and Logarithmic Functions and Relations, Rational Functions & Relations, & some Probability & Statistics.**

**Textbook- Algebra 2 by Glencoe & McGraw-Hill**

|  |  |
| --- | --- |
| **Chapter 7** | **Inverses and Radical Functions and Relations** |
| 7-3 | To Graph Square Root Functions and Inequalities. (F.IF.7.b, F.BF.3) |
| 7-4 | To Study nth Roots. (A.SSE.2) |
| 7-5 | To Perform Operations with Radical Expressions. (A.SSE.2) |
| 7-6 | To work with and reduce Rational Exponents. |
| 7-7 | To Solve Radical Equations and Inequalities. (A.REI.2) |

|  |  |
| --- | --- |
|  | **Statistics and Probability** |
|  | To Study the Fundamental Counting Principle. |
|  | To Study Permutations and Combinations. |
|  | To Study Permutations and Combinations with Probability involved. |

|  |  |
| --- | --- |
| **Chapter 8** | **Exponential and Logarithmic Functions and Relations** |
| 8-1 | To Graph Exponential Functions. (F.IF.7.e, F.IF.8.b) |
| 8-2 | To Solve Exponential Equations and Inequalities. (A.CED.1, F.LE.4) |
| 8-3 | To Graph Logarithms and Logarithmic Functions. (F.IF.7.e, F.BF.3) |
| 8-4 | To Solve Logarithmic Equations and Logarithmic Functions. (A.SSE.2, A.CED.1) |
| 8-5 | To learn the Properties of Logs. (A.CED.1) |
| 8-6 | To Graph Common Logarithms. (A.CED.1) |
| 8-7 | To Study Base “e” and Natural Logarithms. (A.SSE.2) |
| 8-8 | To Work with Exponential and Logarithmic Functions. (F.IF.8.b, F.LE.4) |

**Grading Breakdown:**

Homework- 25% Retakes will be given according to the retake policy

Quizzes- 5% which was designed by the leadership team.

Tests- 60%

Final Test- 10%