

**Southern Regional High School**  
Manahawkin, New Jersey  
**Course Syllabus**

**Department:** Math

**Course:** Discrete Math/Probability & Statistics

Marking Period 1

Topics/Units to be covered:

- Grading policy/classroom expectations
- Factoring Polynomials: Factoring & Solving Equations
- Exponents & Logarithms: Properties of, Solving Equations & Word Problems
- Right Triangles: Special Triangles, Trigonometry
- Quarterly

Marking Period 2

Topics/Units to be covered:

- Data Analysis
- Data Displays
- Linear and Non-Linear Curve Fitting
- Quarterly

Marking Period 3

Topics/Units to be covered:

- Counting & Probability
- Probability Distributions
- Hypotheses Testing
- Quarterly

Marking Period 4

Topics/Units to be covered:

- Fair Division
- Conflict Scheduling
- Graph Theory
- Final exam