



Hattiesburg Public School District

Algebra 1 Mathematics

Unit Plan Overview



| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 | Unit 6 | Unit 7 |
|---|---|--|---|---------------------------------------|-------------------------------|--------|
| Expressions with Algebraic Components | Equations and Inequalities | Introduction to Functions | Linear Functions | Systems | Polynomial Expressions | |
| 2 Weeks | 2 Weeks | 1 Week | 2 Weeks | 4 Weeks | 2 Weeks | |
| A-APR.A.1 A-SSE.A.1 A-SSE.A.2 | A-CED.A.1 A-CED.A.3 A-CED.A.4 A-REI.A.1 A-REI.B.3 | F-IF.A.1 | A-REI.D.10 A-REI.D.11 A-CED.A.2 F-IF.B.4 F-IF.B.5 F-IF.B.6 S-ID.C.7 S-ID.C.8 S-ID.9 | A-CED.A.3 A-REI.D.11 A-REI.D.12 | A-APR.A.1 A-SSE.A.2 | |
| A-SSE.B.3c | N-Q.A.1 N-Q.A.2 N-Q.A.3 | F-BF.A.1 F-IF.A.2 F-IF.B.5 F-IF.B.6 | F-IF.C.7a F-IF.C.9 F-LE.A.1 F-LE.B.5 S-ID.B.6 | | A-SSE.A.3 | |
| N-RN.B.3 | | | F-BF.B.3 | A-REI.C.5 A-REI.C.6 | N-RN.3 | |
| 6.EE.A.2b 6.EE.A.3 6.EE.A.4 7.EE.2 7.EE.A.1 8.EE.1 8.EE.A.1 8.NS.A.1 | | | | | | |



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| Unit 8 | Unit 9 | Unit 10 | Unit 11 | Unit 12 | Unit 13 |
|-------------------------------------|---|---|----------------------|---|----------------------------------|
| Quadratic Equations | Quadratic Functions | Exponential Functions | Sequences | Function Families | Statistics |
| 3 Weeks | 2.5 Weeks | 3 Weeks | 1.5 Weeks | 2 Weeks | 5 Weeks |
| A-REI.B.4 A-SSE.B.3 A-CED.A.1 | A-REI.D.11 F-IF.B.4 F-IF.B.5 F-IF.B.6 F-IF.B.8a F-IF.B.9 | A-REI.D.11 A-CED.A.1 F-IF.B.4 F-IF.B.5 | F-IF.A.3 | A-REI.D.11 A-CED.A.1 F-IF.B.4 F-IF.B.5 F-IF.B.6 | |
| | A-SSE.B.3a F-IF.C.7a F-LE.A.3 | A-SSE.B.3c S-ID.B.6a F-LE.A.1 F-LE.A.2 F-LE.3 F-LE.B.5 | F-BF.A.1 F-LE.A.2 | F-IF.C.7 F-IF.C.9 F-LE.A.3 | S-ID.B.5 |
| | F-BF.B.3 | F-BF.B.3 | | F-BF.B.3 | S-ID.A.1 S-ID.A.2 S-ID.A.3 |
| | | | | | |
| Major Clusters | | Supporting Clusters | | Additional Clusters | |
| | | | | | Pre-requisite |