

Year at a Glance – Units of Study

Algebra I

Unit #	Unit Title	Instructional Hours/Weeks	Approx End of Unit
1	Pattern Recognition Within Data	4 hours	8/19-20
2	Introduction to the Parent Functions (Linear,	12 hours	9/9-10 (16 hrs)
	Fall Sports Assembly	1 hour	9/16(17 hrs)
	PSAT	.7 hour(in class A,B,A,B)	10/16(17.7hrs)
3	Linear Functions	22 hours	10/23-24(39.7hrs)
	CCIA	1.7 hours	10/28-29(41.4hrs)
4	Linear Systems	22 hours	12/9-10(63.4hrs)
5	Continuing Patterns: Categorical and Numerical	6 hours	12/13(69.4hrs)
	Winter Sports Assembly	1 hour	1/10(70.4hrs)
6	Exponential Functions	10 hours	1/27-28(80.4hrs)
	CCIA	1.7 hours	2/24-25(82.1hrs)
7	Quadratic Functions	26 hours	3/17-18(108.1hrs)
	Spring Sports Assembly	1 hour	3/6(109.1hrs)
	SBA	(3days = 2.7 hours, class=C,C)	3/19,20,21(?111.8hrs)
8	Specialized Functions (Square/Cube Root,	18 hours	5/5-5/6(129.8hrs)

Geometry

Unit #	Unit Title	Instructional Hours/Weeks	Approx End of Unit
1	Basic Constructions and Proofs: Lines and	12 hours	9/3-4
	Fall Sports Assembly	1 hour	9/16(13 hrs)
2	Basic Constructions and Proofs: In Two	14 hours	9/30-10/1(27hrs)
	PSAT	.7 hour(class =A,B,A,B)	10/16(27.7hrs)
3	Congruence: Rigid Transformations	8 hours	10/16-17(35.7hrs)
	CCIA	1.7 hours	10/28-29(37.4hrs)
4	Congruence: Congruent Triangles and	16 hours	11/14-15(53.4hrs)
	Winter Sports Assembly	1 hour	1/9(54.4hrs)
5	Similarity: Proportionality and Similar Figures	20 hours	1/15-16(74.4hrs)
6	Similarity: Right Triangles and Trigonometric	15 hours	2/12-13(89.4hrs)
	CCIA	1.7 hours	2/24-25(91.1hrs)
7	Coordinate Geometry	10 hours	3/5-6(101.1hrs)
	Spring Sports Assembly	1 hour	3/7(102.1hrs)
	SBA	(3days = 2.7 hours, class=C,C)	3/19,20,21(?104.8hrs)
8	Circles	10 hours	4/2-3(114.8hrs)
9	Extending to Three Dimensions	15 hours	5/5-6(129.8hrs)

Algebra II

Unit #	Unit Title	Instructional Hours/ Weeks	Approx End of Unit
1	Exploring Linear and Nonlinear Systems of Equations Algebraically and Graphically	10 hours	8/28-29
	Fall Sports Assembly	1 hour	9/16(11 hrs)
2	Developing and Understanding Quadratic Relations and Equations with Real and Complex Roots	10 hours	9/18-19(21hrs)
3	Algebraic Representations of Polynomials	10 hours	10/2-3(31hrs)
	CCIA	1.7 hours	10/28-29(32.7hrs)
	PSAT	.7 hr(class=A,B,A,B)	10/16(33.4hrs)
4	Graphical Representations of Polynomials	10 hours	10/28-29(43.4hrs)
5	Investigate, Explain, Evaluate, and Solve Rational Expressions and Equations	10 hours	11/14-15(53.4hrs)
6	Understand, Rewrite, and Solve Radical Expressions and Equations	10 hours	12/9-10(63.4hrs)
	Winter Sports Assembly	1 hour	1/9(64.4hrs)
7	Building an Understanding of Exponential Functions	12 hours	1/21-22(76.4hrs)
8	Building and Understanding of Logarithmic Functions	11 hours	2/10-11(87.4hrs)
	CCIA	1.7	2/24-25(89.1hrs)
9	Identifying and Deriving Series and Sequences	7 hours	2/26-27(96.1hrs)
10	Making Inferences and Conclusions of Real-World Phenomena Using Probability	8 hours	3/12-13(104.1hrs)
	Spring Sports Assembly	1 hour	3/6(105.1hrs)
	SBA	(3days = 2.7 hours, class=C,C)	3/19,20,21(?107.8hr)
11	Making Inferences and Conclusions of Real-World Phenomena Using Statistics	8 hours	4/2-4/3(115.8hrs)
12	Explore and Understand Trigonometric Functions	14 hours	5/5-5/6(129.8hrs)

NOTES: This is based on a 101 minute A & B day and a 42 minute C day. Also, taken into account is that 4 day weeks are always A/B days; and 3 day weeks are A/B/C.

Week of final exams in December & May were not counted as any hours.

8 hours of wiggle room in this particular schedule (Basically 3-A&B days and 2-C days)