

AVANTI HS LEARNING PLAN
 Sunday, January 05, 2014
 TERM 1: ALGEBRA 2A TL (MTH394)

Todd Thedell
 AVANTI HIGH SCHOOL

Example, Student
 1

Start Date:9/30/13Target Date:....12/20/13 Advisor:

Textbook:...Holt Algebra 2.....Grade:.....Credit:...0.50...Completion Date:.....
 Estimated Number of Hours to Complete this credit: 75
 Estimated Number of Hours Student Should Complete each week to meet the target date: .9.....

Performance Summary

Item	Grade
Completed Work Average	

Term 1 Assignments

#	Task Type	Task	Score	Grade
1	Information	General Information Math Standards: A2.1. Core Content: Solving problems A2.2. Core Content: Numbers, expressions, and operations A2.3. Core Content: Quadratic functions and equations A2.4. Core Content: Exponential and logarithmic functions and equations A2.5. Core Content: Additional functions and equations A2.6. Core Content: Probability, data, and distributions A2.7. Additional Key Content A2.8. Core Processes: Reasoning, problem solving, and communication <hr/> Learning Requirements: 1. Regularly attend classes. 2. Each week record up to nine hours outside of class time for this learning plan. 3. This class is a Teacher-lead class where the student is expected to follow the class lessons each day, complete the homework and take the tests with the rest of the class. The class schedule is kept on a Google Calendar where the student can check for daily lessons, homework assignments, additional resources and test dates. Please see my website, www.thedell.net , for more information. 4. Online Textbook: http://my.hrw.com Username: AvantiBlue password: algebra 5. The Project is an application of mathematics. See the "Ideas Box" in the classroom or my website for ideas. 6. The Notebook is a collection of your work whilst working on the Learning Plan. The Reflection is a written summary of your experiences during this learning plan. <hr/> Proficiency: Student must pass Project, Tests and the Exam with 80% or better accuracy.		
2	Assignment	Assignment 1.1-1.9 a. 1.1 Sets of Numbers b. 1.2 Properties of Real Numbers c. 1.3 Square Roots d. 1.4 Simplifying algebraic Expressions e. 1.5 Properties of Exponents f. 1.6 Relations and Functions g. 1.7 Function Notation h. 1.8 Exploring Transformations i. 1.9 Introduction to Parent Functions Review See website for problem list		
3	Test	1.1-1.9 Foundations for Functi Suggestion: Use Interactive Practice Test on my.hrw.com		
4	Assignment	Assignment 2.1-2.5, 2.7 a. 2.1 Solving Linear Equations and Inequalities b. 2.2 Proportional Reasoning c. 2.3 Graphing Linear Functions d. 2.4 Writing Linear Functions e. 2.5 Linear Inequalities in Two Variables g. 2-7 Curve Fitting with Linear Models Review See website for problem list		
5	Test	2.1-2.5,2.7 Linear Functi Suggestion: Use Interactive Practice Test on my.hrw.com		
6	Assignment	Assignment 3.1-3.4 a. 3.1 Using Graphs and Tables to Solve Linear Systems b. 3.2 Using Algebraic Methods to Solve Linear Systems c. 3.3 Solving Systems of Linear Inequalities d. 3.4 Linear Programming Review See website for problem list		
7	Test	3.1-3.4 Linear Systems Suggestion: Use Interactive Practice Test on my.hrw.com		
8	Assignment	Assignment 5.1-5.7, 5.9 5.1 Using Transformations to Graph Quadratic Functions 5.2 Properties of Quadratic Functions in Standard Form 5.3 Solving Quadratic Equations by Graphing and Factoring 5.4 Completing the Square 5.5 Complex Numbers and Roots (Imaginary Numbers) 5.6 The Quadratic Formula 5.9 Operations with Complex Numbers Review See website for problem list		
9	Test	5.1-5.7, 5.9 - Quadratic Funct		

#	Task Type	Task	Score	Grade
	Suggestion: Use Interactive Practice Test on my.hrw.com			
10	Assignment	Assignment 6.1-6.6 6.1 Polynomials 6.2 Multiplying Polynomials 6.3 Dividing Polynomials 6.4 Factoring Polynomials 6.5 Finding Real Roots of Polynomials 6.6 Fundamental Theorem of Algebra Review See website for problem list		
11	Test	6.1-6.6 Polynomial Functions Suggestion: Use Interactive Practice Test on my.hrw.com		
12	Test	Semester Exam Go to my website, http://thedell.net , and get the Semester Exam Concept Review.		
13	Project	Project/Presentation Complete a math project. The project could involve: Historical events, People, or Technology, Banking or Sports statistics, Experiment that includes data collection and analysis, Models, tables, charts, graphs, written reflection, or algebraic notation, Artwork with a description of the mathematics. The Project should reflect a sense of professionalism and be presented as such. It should be simple to identify this as a Math Project because it shows math. It is intended to be an Application of Math. It should take about 3 hours to complete. See the "ideas Box" in the classroom or my www.thedell.net for ideas. You will present your project to the class (3-5 min) for feedback and complete an Evaluation form.		
14	Assignment	Notebook\Reflection Your Notebook should have: ...this Learning Plan ...an updated Calendar ...a collection of your notes from each chapter & section ...practice problems You also complete a "Reflection of the Learning Plan" form (copies on website or in classroom)		
15	Test	% Complete of Tasks Task = Passing a Chapter Test or Exam, Completing Math Project		
16	Test	20-Day Review (Latest)		Not for Grade

20-day Review Criteria:

Sensational = Completed 2 or more tasks and are on track for their target due date.
Emerging = Completed 1 task and are on track for their target due date. (may not make target due date)
Unsatisfactory = Completed No tasks and/or are not on track for their target due date. Friday attendance required.
..... Task = Passing a Chapter Test, Completing Math Project, or Completes ALL Eoc Practice

Teaching Components:

- Teacher will provide student with instructional resources & materials.
- Teacher will evaluate student performance.
- Teacher will assist student with learning process.

Resources

OSD website: <http://osd.wednet.edu/>
Avanti website: <http://avanti.osd.wednet.edu/>
My website: <http://www.thedell.net>
Holt Textbook: <http://my.hrw.com>
MathTV: <http://www.mathtv.com>

Communication:

Periodically (and upon request) I will be sending out updated Learning Plans; please incidate what email address(es) that they can be sent to:

Parent email address:

Student email address:

To change these or add an email address, go to my website and send me an email request.

Performance Supervision, Evaluations, and Assessments:

Student will be awarded completion for a task when all of the requirements for the task have been demonstrated.

If the Target date expires this Learning Plan may be cancelled and all the work will be forfeited. The student will be required to start a new Learning Plan if the student needs credit.

Instructor Signature: _____ Date: _____