

AVANTI HS LEARNING PLAN
 Sunday, January 05, 2014
 TERM 1: ALGEBRA 2B TL (MTH395)

Example, Student
 wd

Todd Thedell
 AVANTI HIGH SCHOOL

Start Date: Target Date:..... Advisor:

Textbook:...Holt Algebra 2.....Grade:.....Credit:.....Completion Date:.....
 Estimated Number of Hours to Complete this credit:
 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 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. Proficiency: Student must pass Project, Tests and the Exam with 80% or better accuracy.		
2	Assignment	Assignment 7.1-7.6 7.1 Exponential Functions and Logarithms 7.2 Inverses of Relations and Functions 7.3 Logarithmic Functions 7.4 Properties of Logarithms 7.5 Linear Inequalities in Two Variables 7.6 The Natural Base, e Review See website for problem list		
3	Test	7.1-7.6 - Rational Equations		
4	Assignment	Assignment 8.1-8.3, 8.5-8.8 8.1 Variation Functions 8.2 Multiplying and Dividing Rational Expressions 8.3 Adding and Subtracting Rational Expressions 8.5 Solving Rational Equations and Inequalities 8.6 Radical Expressions and Rational Exponents 8.8 Solving Radical Equations and Inequalities Review See website for problem list		
5	Test	8.1-8.3, 8.5-8.8 - Radical Exp		
6	Assignment	Assignment 9.4, 10.1-10.5 9.4 Operations with Functions 10.1 Introduction to Conic Sections (read only) 10.2 Circles 10.3 Ellipses 10.4 Hyperbolas 10.5 Parabolas Review See website for problem list		
7	Test	Chap 9/10 Functions & Conics		
8	Assignment	Chap 11.1-11.4 Probability 11.1 Permutations and Combinations 11.2 Theoretical and Experimental Probability 11.3 Independent and Dependent Events 11.4 Compound Events Review See website for problem list		
9	Test	Chap 11 Probability		
10	Test	Semester Exam (7-11) Go to my website, http://www.thedell.net , and get the Semester Exam Concept Review.		
11	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.		

#	Task Type	Task	Score	Grade
		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.		
12	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)		
13	Information	% Complete of Tasks Task = Passing a Chapter Test or Exam, Completing Math Project		
14	Information	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:

- a. Teacher will provide student with instructional resources & materials.
- b. Teacher will evaluate student performance.
- c. 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: _____