

# Avanti High School Learning Plan

## Segmented Math

Course Code:

Instructor: Todd Thedell

### Student/Course Expectations

Student Name:

Advisor:

Date Started:

Target Due Date:

Completion Date:

Target Grade: A B P

Books/Resources Issued: None

Estimated Number of Hours to Complete this Credit/Set of Performance Tasks: 180

Estimated Number of Hours Student Should Complete Each Week in Order to Reach Target Due Date: 9 hrs/wk

Credit Amount:

Grade:

**Office Use Only:** \_\_\_ Instructor Copy \_\_\_ Tasks Tallied  
 \_\_\_ Advisor Copy \_\_\_ Tasks Recorded

**1.0 credit**

### EALRs or GLEs:

- Order of Operations—Computation, Understanding of Operations (NS)
- Working with Percents—Ratio, Proportion, Percent (NS)
- Working with Fractions—Number and Numeration, Computation, Estimation (NS)
- Using Formulas—Evaluating and Solving (AS)
- Scientific Notation—Number and Numeration (NS)
- Estimation in Context—Number Sense (NS)
- Patterns—Patterns and Functions (AS)
- Basic Computation Skills for Non-Calculator Day—Computation (NS)
- Decimals to Hundredth Place—All areas (NS)
- Equation of a Line—Patterns and Functions (AS)
- Meaning of a Variable—Symbols and Notations (AS)
- System of Linear Equations—Evaluating and Solving (AS)
- Equation vs. Expression—Patterns and Functions (AS)

### Learning Activities

#### Assignment Requirements: Student will:

1. read all material and complete daily exercises
2. participate in self-evaluation of learning and provide two week progress reports home to parents
3. participate in classroom discussions
4. pass the course with at least 80% accuracy

#### Math Notebook Journal:

- The student is required to keep a notebook for this class
- It should be a 3-ringed notebook that contains blank notebook paper to take notes.
- Since we do not have a textbook for this class, the student will write notes on concepts covered in class.
- This notebook should contain at least the following:
  - Vocabulary words defined in 5 words or less
  - Daily class Notes
  - This will act as your study guide for the Quizzes – keep it organized, neat & complete.

#### Performance Supervision, Evaluations, and Assessments:

1. All student work will be reviewed when submitted and evaluated for accuracy and completeness. (80% or better)
2. Knowledge of mathematical steps for calculations will be assessed using tests questions and observations.
3. Discussion with student will also measure comprehension of the material covered. Student will be given a participation grade for his/her part in classroom discussions.
4. A final grade and credit/tasks will be awarded when work is completed.

Unit	Description	Activities	Completion Date	Quiz
1	Work at Department Store			I:
2	Homecoming Chili			
3	Percent Benchmark			
4	Speeding Cars 2			
5	Hot-Air Balloon 2			II:
6	What's in Your Wallet			
7	Dependent and Independent			
8	Towering Pizzas			
9	Talk, Save and Play			III:
10	Systems			
11	What's in an Area			
12	The Wave 2			
13	Lengths and Angles			IV:
14	Pythagorean Theorem			
15	Family of Quadrilaterals			V:
16	Volume or Surface Area			
17	Silly Sand Sandbox Company			
18	Moving Mount Spokane 2			VI:
19	Mosaic Designs			
20	Creating a Logo			
21	Transformations 2			
22	Interpreting Data			VII:
23	How to Win on Wheel of Fortune			
24	Popular Toothpaste			
25	Fast Food Workout 2			VIII:
26	The Rolling Car 2			
27	Probability 2			IX:
28	Box and Whisker 2			
<b>Progress Reviews</b>				
<b>Dates:</b>		<b>Notes:</b>		
20 Day Review - Date:				
20 Day Review - Date:				
20 Day Review - Date:				
<b>Student Signature</b>				<b>date</b>
<b>Instructor Signature</b>				<b>date</b>

*Pacing:*

*Beginning Date:* \_\_\_\_\_ *Target Date:* \_\_\_\_\_

*Number of Days:* \_\_\_\_\_

*Number of Tasks:* 37 *Days per task:* \_\_\_\_\_