

Learning Task Item	Objective	Outcome Level	Assessment Item
Pass the Algebra HSA		Applying	
1.0 Use basic algebra skills to solve simple problems	Given basic math problems and online review, students will be able to determine the correct answer with 80% accuracy.	Remembering	Online Quiz, short answer, must be mastered (> 80%) to move to next module
1.1 Solve multistep equations		Remembering	
1.2 Plot points on a coordinate plane		Remembering	
1.3 Find the slope of line given a graph		Remembering	
2.0 Classify, organize, and study Algebra 1 vocabulary & concepts	Given a list of all the algebra vocabulary, students will classify , organize, and personalize each term, and recognize the vocabulary with 80% accuracy.	Remembering Understanding	Student Reflection
2.1 Recall math previously learned concepts and vocab		Remembering	Project: Create a study tool
2.2 Study Vocabulary		Understanding	Online Quiz, matching, and short answer, students must master (>80% before moving to next module)
2.2.1 Match Image with Word/Concept		Understanding	
2.2.2 Sort cards by topic		Understanding	
2.2.3 Recognize the definitions of all words		Remembering	
3.0 Use a graphing calculator to answer questions	Given video tutorials on calculator functions, students will recall and apply the steps to solving given HSA style questions to correctly identify the solution with 80% accuracy.	Remembering Applying	Project – Create a “How to” study tool for the calculator steps Online Quiz – MC and short answer- must pass (>80%) to move to next module. Self-reflection submitted to Discussion forum/Dropbox
3.1 Identify types of problems for calculator		Remembering	
3.2 Use calculator to find the answer of specific types of questions		Remembering	
3.2.1 – Solve a system with a matrix		Applying	
3.2.2 – Find the Line of Best Fit		Applying	
3.2.3 – Find the mean, median, and quartiles of a data set		Applying	
3.2.4 – Find the slope of a line through 2 or more points		Applying	
3.2.5 – Graph linear equations and view table		Applying	
3.3 Identify pros and cons of video tutorials on calculators		Evaluating	

4.0 Analyze the test question and strategies to approach it	Given various HSA test questions, students will use test-taking strategies to simplify the question, predict the solution and eliminate choices to increase the chances of getting the question correct, with 80% accuracy.	Analyzing	Project – Submit a test with appropriate markings, eliminated choices, and explanations to Dropbox – teacher feedback Discussion Forum Online Quiz – short answer, multiple choice – must master to move to the next module (80%)
4.1 Identify type of skill needed		Analyzing	
4.2 Identify what the question is asking		Analyzing	
4.2.1 Estimate an answer		Understanding	
4.2.2 Determine is an answer “makes sense”		Understanding	
4.3 Use Highlighter tool to simplify questions		Remembering	
4.3.1 Highlight key words		Remembering	
4.3.2 Use highlighter tool on graphs		Remembering	
4.3.3 Use highlighter for probability and simulation questions		Remembering	
4.4 Use Elimination Tool to eliminate choices		Understanding	
4.4.1 Eliminate graph choices	Understanding		
5.0 Find the correct answers for Practice HSA questions	Given HSA questions. Students will apply algebra vocab, concepts, calculator skills, and testing strategies to calculate the correct answer with 80% accuracy.	Applying	Online Quiz – MC and short answer Project- create a study tool for a student preparing for Algebra HSA Self reflection
5.1 Explain how to find answers		Understanding	
5.2 Identify and correct errors made		Evaluating	
5.3 Create a Review Guide/Presentation		Creating	
5.4 Assess confidence level and readiness for test		Evaluating	
Entry Skills			
0.1 Access the course		Remembering	
0.2 Create Dropbox Account		Remembering	
0.3 Create & Share Dropbox folder for course		Remembering	
0.4 Operate MS Word		Remembering	
0.5 Take a screen shot		Remembering	