

Welcome to LHS **AVID** Decades of College Dreams

Teacher: Michelle Bremenkamp Class: College Algebra Grade level(s): 11-12

AVID Training: Math Path training

Objective/Essential Question:

The student will be able to solve exponential equations.

WICOR Strategies being used:

<u>Writing</u>	Students are expected to write a summary and procedures in their cornell notes.
<u>Inquiry</u>	
<u>Collaboration</u>	Students will be asked to work a problem during the lesson and turn to a shoulder partner and check their progress.
<u>Organization</u>	Students are expected to take cornell notes during the lesson.
<u>Reading</u>	

Lesson:

Today's lesson is to learn to solve exponential equations. We will go over some problems together at the board. I will talk students through the procedure to solve equations. They will take notes. Students will be asked to work practice problems in their notes and check with a shoulder partner.

The students have been studying exponential and logarithmic functions. Students were introduced to logarithms on Monday to show how they are used to rewrite exponential equations. Over the course of the week, students have learned to simplify and evaluate both exponential and logarithmic functions. Today's lesson on solving exponential equations is going to build on that prior knowledge. The next lesson following this will be to solve logarithmic equations which will be the reverse of today's lesson.