



## 23-24 Westside High School Lesson Plans

<b>Teacher Name</b>	Algebra 1 PLC	<b>Learning Topic</b>	Topic 2 - Sequences		
<b>Course</b>	Algebra 1	<b>Cycle &amp; Week</b>	Cycle 1 - Week 5: 25 Sep to 29 Sep		
Day	TEKS or Standards Alignment	Lesson Objective (LO)	Daily Agenda <i>(highlight MRS used in lesson)</i>	Demonstration of Learning	Key Vocabulary
<b>Monday</b>	<b>FALL HOLIDAY</b>				
<b>Tuesday Module 1 Topic 2 Lesson 1</b>	<b>TEKS: ALGI.12D</b>	<b>SWBAT write</b> the $n^{\text{th}}$ term when given a sequence of values and organize the sequences into categories.	1. Activity 1.2 2. DOL: M1T2L1  <u>Homework:</u> Topic 2, Lesson 1 Homework (PAP only) MATHia, Skills practice	Given a sequence of values, I will <b>write</b> the $n^{\text{th}}$ term and organize the sequences into categories by answering at least 4 of 5 questions correctly.	Sequence Term of a Sequence Infinite Sequence Finite Sequence
<b>Block Day Wed./Thurs. Module 1 Topic 2 Lesson 2</b>	<b>ALGI.1E ALGI.12D</b>	<b>SWBAT use</b> different numerical sequences to organize into categories and describe the rules.  <b>SWBAT write</b> the $n^{\text{th}}$ term and determine if the sequence is arithmetic or geometric.	1. Warm up: Write the next three terms in each pattern and explain how you generated each term 2. Activity 2.1 3. DOL M1T2L2D1 4. Activity 2.2 5. DOL M1T2L2D2 <u>Homework:</u> Topic 2, Lesson 2 Homework (PAP only) MATHia, Skills practice	Given 5 problems, I will <b>use</b> numerical sequences to organize into categories and describe the rules by answering at least 4 of 5 questions correctly.  Given a sequence, I will <b>write</b> the $n^{\text{th}}$ term and/or determine if the sequence is arithmetic or geometric by answering at least 4 of 5 questions correctly.	Arithmetic Sequence, Common Difference, Geometric Sequence, Common ratio
<b>Friday Mid-Topic 2 Test</b>	<b>N/A</b>	<b>SWBAT demonstrate</b> mastery of the material covered by scoring a 70% or better on the assessment.	<b>Mid-Topic 2 Test</b>  <u>Homework:</u> Skills practice, MATHia	Students will score 70% or better on the Mid- Topic 2 Test.	<b>N/A</b>

**\*MRS used in class: Whiteboard, Choral Response, Table Talk, Think- Pair- Share, Response Card, Whip Around**

**Accommodations include but are not limited to Graphing calculators, Text-to-Speech, Translator, Extended time**