Algebra I			Monday
First Day of School			
LO: SWBAT familiarize themselves with classroom procedures and guiding principles.			

Algebra I	Module 1	Topic 1	Tuesday Lesson 1
TEKS: ALGI.3C Graph linear functions on the coordinate plane and **identify** key features, including x-intercept, y-intercept, zeros, and slope, in mathematical and real-world problems.			
LO: SWBAT read descriptions of relationships between two quantities and **identify** which is independent and which is dependent.			
DOL: Given problem scenarios, students will **read** and **identify** the independent and dependent quantities.			

AGENDA	
Engage: What comes first? Identify independent and dependent variables.	15 minutes
Develop: Activity 1.1: Connecting Scenarios and their Graphs	30 minutes

KEY WORDS
- Independent quantity   - Independent quantity   - Domain   - Range

Algebra I	Module 1	Topic 1	Wednesday/Thursday Lesson 1

TEKS: ALGI.7A Graph quadratic functions on the coordinate plane and use the graph to identify key attributes, if possible, including, *x*-intercept, *y*-intercept, zeros, maximum value, minimum value, vertex, and the equation of the axis of symmetry.

LO: SWBAT **identify** key characteristics of graphs such as intercepts, increasing and decreasing intervals, and maximum and minimum points.

DOL: Given various graphs, students will **identify** key features and similarities.

Engage: 1. Review vocabulary 2. Warm-Up - Discuss scenarios and identify independent and dependent variable	10 minutes
Develop: Activity 1.2: Comparing and Contrasting Graphs	40 minutes
Extension: Talk the Talk A Writer and a Mathematician	20 minutes
Explore MATHIA/Assignment	20 minutes

VOCABULARY

- Increase
- Decrease
- Straight
- Curved
- Maximum
- Minimum

Algebra I	Module 1	Topic 1	Lesson 2 Friday

TEKS: ALGI.3C Graph linear functions on the coordinate plane and **identify** key features, including x-intercept, y-intercept, zeros, and slope, in mathematical and real-world problems.

LO: SWBAT identify key characteristics of the graphs by sorting graphs into different categories.

DOL: Given a set of graphs, students will **identify** key characteristics.

Engage: Getting Started: Let's Sort Some Graphs	15 minutes
Develop: Activity 2.1 – Identifying Graphical Behaviors	30 minutes

VOCABULARY
- Axis of symmetry
- Horizontal
- Vertical
- Linear