**ARC Week at Glance**

**-Subject: Mathematics Course: Algebra: Concepts & Connections Grade:** **9th – 12th Date: 8/11/2025**

|  |
| --- |
| **Standard(s):** A.FGR.2.2: Construct and interpret the graph of a linear function that models real-life phenomena and represent key characteristics of the graph using formal notation.**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [ ]  **Project** [ ]  **Lab** [ ]  **None** |
|  | **Learning Target****(I am learning about…)** | **Success Criteria****(I can….)** | **Lesson/Activities of the Day** | **Assignments/Formative Assessment** |
| **Monday** | I am learning to graph linear functions using input and output values (t-chart) | I can graph linear functions using input and output values (t-chart) | * Teacher will review how to put an input into a linear function and receive an output
* Teacher will introduce how to graph using input and output values received from the function
* Teacher will provide guided practice problems for students

   |  T.O.T.D. over making t-chart |
| **Tuesday** | I am learning to graph linear functions using input and output values (t-chart) | I can graph linear functions using input and output values (t-chart) | * Teacher will review how to graph using input and output values received from the function
* Teacher will provide guided practice problems for students
* Students will work on classwork activity that deals with graphing linear functions with a t-chart
* Teacher (and co-teacher) will break into small groups and 1-on-1 sessions to ensure student learning (based off of teacher observation, formative assessment or student needs)
 | Graphing using T-chart Classwork 1 |
| **Wednesday** | I am learning how to construct and interpret a graph from a linear function that models real-world phenomena | I can construct and interpret a graph from a linear function that models real-world phenomena | * Teacher will review how to graph using input and output values received from the function
* Teacher will provide real-world guided practice problems that allow students to construct a graph from a linear function and interpret various aspects of the function that applies to the situation
* Teacher will provide a real-world task that allows students to construct and interpret a graph of a linear function that models real-world situations
* Teacher (and co-teacher) will break into small groups and 1-on-1 sessions to ensure student learning (based off of teacher observation, formative assessment or student needs)
 | Construct and interpret real-world graphs from a linear function Task |
| **Thursday** | I am learning how to construct and interpret a graph from a linear function that models real-world phenomena | I can construct and interpret a graph from a linear function that models real-world phenomena | * Teacher will review how to graph using input and output values received from the function
* Teacher will provide real-world guided practice problems that allow students to construct a graph from a linear function and interpret various aspects of the function that applies to the situation
* Students will continue to work on real-world task that allows students to construct and interpret a graph of a linear function that models real-world situations
* Teacher (and co-teacher) will break into small groups and 1-on-1 sessions to ensure student learning (based off of teacher observation, formative assessment or student needs)
 | Construct and interpret real-world graphs from a linear function Task |
| **Friday** | I am learning how to construct and interpret a graph from a linear function that models real-world phenomena | I can construct and interpret a graph from a linear function that models real-world phenomena | * Teacher will provide students with assessment over constructing and interpreting a graph from a linear function
* Students will complete assessment
 | Formative Assessment over constructing and interpreting a graph from a linear function |

**\***[ ]  Exit Ticket/Final Stretch Check [ ]  Electronic Tools [ ]  Dry Erase Boards – quick checks [ ]  Turn & Talk Discussion (verbal responses) [ ]  Teacher Observation – document Clipboard

 [ ]  Quick Write/Draw [ ]  Annotation [ ]  Extended Writing [ ]  Socratic Seminar [ ]  Jigsaw [ ]  Thinking Maps [ ]  Worked Examples [ ]  Other :\_\_\_\_\_\_\_\_\_\_\_