| Name: Langteau | Grading Quarter: 10 | Week Beginning: Week 11 |
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| School Year: 2024-2025 | Subject: Algebra | |

| | Notes: | Objective:<br><br>Lesson Overview:<br><br>No School -PD | Academic Standards: |
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| **Monday** | | | |

| | Notes: | Objective:<br><br>**SWBAT**:<br><br>• Identify the domain and range of relations presented as sets of ordered pairs and graphs.<br>• Distinguish between independent and dependent variables in various contexts.<br><br>Lesson Overview:<br>• Warm-up: Review of coordinates and graphing ordered pairs.<br>• Direct instruction on domain (set of x-values) and range (set of y-values).<br>• Guided practice: Identifying domain and range from tables and graphs. | Academic Standards:<br><br>HSF.IF.A.1 |
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| **Tuesday** | | | |

| | Notes: | Objective:<br><br>**SWBAT**:<br><br>• Determine whether a relation is a function based on its domain and range.<br>• Use function notation to describe a relation and evaluate functions for specific inputs.<br><br>Lesson Overview:<br><br>• Warm-up: Quick review of domain and range concepts.<br>• Direct instruction on identifying functions (relations where each x-value has only one y-value).<br>• Introduce function notation (f(x)) and how to evaluate functions. | Academic Standards:<br><br>HSF.IF.A.2 |
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| **Wednesday** | | | |

| | Notes: | Objective:<br><br>**WBAT**:<br><br>- Represent relations using graphs, tables, and mappings.<br>- Analyze the relationship between domain, range, and function representation in different forms.<br><br>Lesson Overview:<br>- Warm-up: Quick review of function notation and domain/range.<br>- Direct instruction on different ways to represent relations (graphs, tables, ordered pairs, and mapping diagrams).<br>- Guided practice: Converting between different representations of relations | Academic Standards:<br><br><br>HSF.IF.B.5 -<br><br>Relate the domain of a function to its graph and, where applicable, to the quantitative relationship it describe |
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| **Thursday** | | | |
| **Friday** | Notes: | Objective:<br><br>**SWBAT**:<br><br>- Review and apply the concepts of domain, range, functions, and representations of relations.<br>- Analyze linear and non-linear functions to solve problems based on real-world scenarios.<br>- Demonstrate mastery of the key standards related to function notation, domain, and range through collaborative and individual activities.<br><br>Lesson Overview:<br><br>Review of Standards from week | Academic Standards: |