

Parents as Partners

Algebra 1

What we are learning about: Unit 2 Functions & Linear Functions

One way you can help your student succeed in the unit is by discussing the lesson targets in the chart below. When a lesson is completed, ask your student the following questions:

1. What are the targets (goals) of the lesson?
2. What new words and formulas did you learn?
3. How can you apply the ideas of the lesson to your life?

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| **Target** | **Examples** | **Key Vocabulary** |
| Writing and Identifying Functions  Chapter 4 Section 1 |  | * Independent Variable * Dependent Variable * Function * Linear function |
| Using a T-table to graph functions  Chapter 4 Section 5 | Graph the function y= -3x +1 with the domain -2 ≤ X ≤ 2. Then identify the restrictions for the range.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | X | -2 | -1 | 0 | 1 | 2 | | y | 7 | 4 | 1 | -2 | -5 | | * Domain * Range * Restrictions * T-table |
| Using X and Y intercepts to graph a function  Chapter 5 Section 5 |  | * X-intercept * Y-intercept * Standard Form |
| Finding Slope and Rate of Change  Chapter 5 Section 1 |  | * Rate of Change * Slope * Y-coordinate * X-coordinate |
| Writing Equations in Slope Intercept Form  Chapter 5 Section 3 |  | * Slope intercept form * Y-intercept * Slope |
| Writing Equations in Point-Slope Form  Chapter 5 Section 4 |  | * Point Slope Form * Y coordinate * Slope * X coordinate |

If you or your students have any questions about the unit or math class, feel free to contact me at [hummelcl@qps.org](mailto:hummelcl@qps.org) or call 217-223-0373 Extension 1309