

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 FunctionsChapter 4 Section 1 |  | * Independent Variable
* Dependent Variable
* Function
* Linear function
 |
| Using a T-table to graph functionsChapter 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 functionChapter 5 Section 5 |  | * X-intercept
* Y-intercept
* Standard Form
 |
| Finding Slope and Rate of ChangeChapter 5 Section 1 |  | * Rate of Change
* Slope
* Y-coordinate
* X-coordinate
 |
| Writing Equations in Slope Intercept FormChapter 5 Section 3 |  | * Slope intercept form
* Y-intercept
* Slope
 |
| Writing Equations in Point-Slope FormChapter 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 or call 217-223-0373 Extension 1309