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| **Instructor: Jason Lancy**  **Course: Algebra 1 Honors Windy Hill Middle School - Lesson Plan (2012-2013)** |
| Q2 – Week  | Date range: 11/5/12 – 11/9/12 |
| Essential Question(s) | When does a relation become a function? **How can graphing real world situations help us to determine a range of possible answers?** What are the different ways we can display the equation of a line? When does a specific form of an equation help us to draw its picture and relate the information to real world situations?  How does knowing the equation of a line help us to make predictions in the business world?How would recognizing the connection between two sets of numbers help you to make predictions? |
| NGSSS/CCSS | MA.912.A.3.8MA.912.A.3.9MA.912.A.3.10 |
| Learning Goal | **Students will be able to identify the parts of linear equations, inequalities, and functions. Students will be able to compare/contrast functions, linear equations, and linear inequalities.**  |

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| **Unit Purpose & Theme:**  |
| **Weekly Instructional Focus & Content Overview** | **Monday** | **Tuesday** | **Wednesday** | **Thursday**  | **Friday** |
| Bellringer4.3 InterceptsPractice ProblemsReal World ProblemsPractice – groups/individual  | Bellringer4.4 SlopePractice ProblemsReal World ProblemsPractice – groups/individual | Bellringer4.4 SlopeALGEBRA AEROBICSPractice ProblemsReal World ProblemsPractice – groups/individual | Mini Quiz D.7.14.5 Slope Intercept FormPractice ProblemsReal World ProblemsPractice – groups/individual | CBR TI-84+ ActivityMatching the Graph |
| Objective | C. Determine the slope and intercepts of a linear function given a(n) 1. Graph 2. Equation 3. Table D. Graph a linear equation given: 2. x- and y-intercepts  | C. Determine the slope and intercepts of a linear function given a(n) 1. Graph 2. Equation 3. Table  | C. Determine the slope and intercepts of a linear function given a(n) 1. Graph 2. Equation 3. Table  | C. Determine the slope and intercepts of a linear function given a(n) 1. Graph 2. Equation 3. Table  | F. Apply linear function methods to statistical data 1. Finding the line of best fit 2. Making predictions 3. Recognizing the slope is the rate of change  |
| Homework | Page 228 1-9 | Page 233 4-6 | X | Page 243 4-11 | Finish Worksheet |
| Writing | Students will write a summary at the end of each note day. |
| Vocabulary | *Intercepts, Slope, Slope Intercept Form,*  |
| Speaking/ Listening | Students are expected to participate in the power teaching. |
| AssessmentsFormative & Summative | [x]  | Class Work  | [x]  | Presentation | [ ]  | Essay | [ ]  | Journal Response |
| [x]  | Test / Quiz | [x]  | Question/Answer | [ ]  | Exit Slip | [ ]  | Other:  |

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| AVID Instructional Practices  | Marzano’s High Yield Strategies |
| **W** | **I** | **C** | **R** |  |
| [ ]  | Learning Logs/Journals | [ ]  | Skilled Questioning | [x]  | Group Projects | [ ]  |  SQ5R | [ ]  | Identifying Similarities and Differences |
| [x]  | Cornell Notes | [ ]  | Socratic Seminars | [ ]  | Study Groups | [ ]  | KWL | [x]  | Summarizing and Note Taking |
| [ ]  | Pre-write | [ ]  | Quick-write | [ ]  | Jigsaw Activities | [ ]  | Reciprocal Teaching | [ ]  | Reinforcing Effort/Providing Recognition |
| [ ]  | Draft | [x]  | Group Discussion | [ ]  | Read-Arounds  | [ ]  | Think Aloud | [x]  | Homework and Practice |
| [ ]  | Respond | [ ]  | Critical Thinking Activity | [ ]  | Response/Edit/Revision Groups | [ ]  | Marking the Text | [ ]  | Non-Linguistic Representations |
| [ ]  | Revise | [x]  | Writing Questions | [x]  | Collaborative Activities | [ ]  | Writing in Margins | [x]  | Cooperative Learning |
| [ ]  | Edit | [ ]  | Open-Minded Questions | [ ]  |   | [ ]  | Charting the Text | [x]  | Setting Objectives & Providing Feedback |
| [ ]  | Final Draft | [ ]  |  Philosophical Chairs | [ ]  |   | [x]  | Summarizing | [ ]  | Generating & Testing Hypotheses |
| [ ]  |   | [ ]  |   | [ ]  |   | [ ]  | Thinking Map | [ ]  | Cues, Questions, & Advance Organizers |

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| ESOL & ESE Strategies  | Classroom Resources & Materials |
| **Strategies** | **Assessment** | **Other** |
| [x]  | Wait Time  | [x]  | Homework  | [ ]  |  | [x]  | Textbook - Springboard |
| [x]  | Note Taking  | [ ]  | Quiz  | [ ]  |  | [ ]  | Handouts |
| [ ]  | Graphic Organizers | [ ]  | Test  | [ ]  |  | [ ]  | Maps, charts, graphs |
| [x]  | Group Work | [ ]  | Portfolio  | [ ]  |  | [ ]  | Thinking Maps |
| [x]  | Simple Lang. | [ ]  | Folder  | [ ]  |  | [x]  | Multimedia Projector |
| [ ]  | Audio Cass.  | [x]  | Notebook | [ ]  |  | [ ]  | Interwrite Mobi |
| [x]  | Extra Time | [x]  | Teacher Observation | [ ]  |  | [x]  | White Board / SMARTboard |
| [ ]  | Study Guide | [ ]  | Project | [ ]  |  | [ ]  | Literature Books |
| [ ]  |  Peer Tutor | [ ]  | Journal  | [ ]  |  | [ ]  | Video clips/DVDs |
| [ ]  | Repetition | [ ]  | Debates | [ ]  |  | [ ]  | Document Camera |
| [ ]  | Dictionary | [x]  | Participation | [ ]  |  | [ ]  | Audio  |
| [ ]  | Role Play | [ ]  | Oral Work | [ ]  |  | [x]  | Power Point Presentation/ Prezi |
| [x]  | Visuals | [ ]  | Interviews | [ ]  |  | [ ]  | Reference Posters |
| [x]  | Gestures | [x]  | Open Book | [ ]  |  | [ ]  | Student Response System (Clickers)  |