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| Butler | Course: ALII | Period(s): 2 | Week of: 8-22-2016 |

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|  | Standards | Goals | As a result of this lesson the student will be able to: | Instructional Strategies | What the teacher will do to ensure the student meets the goals: | Activities | The student will: | Homework & Assessment | Student achievement will be measured by: |
| **Monday** | A2.ACE.3  A2FBF.3 | Use systems of equations to represent constraints arising from real world applications | | Discussion  Group Work  Individual Guidance | | Carnegie CL77-95 | | Marbleslide – quadratic  www.teacher.desmos.com  www.student.desmos.com  cmbutler  jump… | |
| **Tuesday** | A2.ACE.3 | Use systems of inequalities to represent constraints arising from real world applications | | Discussion  Group Work  Individual guidance | | Carnegie CL77 - 95 | | Marbleslide – linear  www.teacher.desmos.com  www.student.desmos.com  cmbutler  jump… | |
| **Wednesday** | A2.FIF.5  A2.FIF.7 | Graph functions from their symbolic representations. Key features:increasing, decreasing, positive, negative, relative maximums/minimums, symmetries, end behavior and periodicity.  Relate the domain and range of a function to its graph | | Discussion  Group Practice  Individual guidance | | Carnegie 257 – 281 packet | |  | |
| **Thursday** | A2.FIF.5  A2.FIF.7 | Same as above | | Discussion  Group Practice  Individual guidance | | Carnegie Skill Practice continued SP257-281 | |  | |
| **Friday** | A2.FIF.5 | Describe the effect of the transformations on the parent graph | | Socratic method  Group practice  Individual guidance | | CL11 #5-13, 25-27, 37 | | Chess Translations activity page 6 in textbook | |

\* All plans are subject to change. Student progress will be monitored and adjustments will be made.