**Northeast College Preparatory School Lesson Plan**

**Teacher(s): Mr. Holloway Grade: Middle School, 7/8**

**Subject(s):Technology Date of delivery: 2/7- 3/1 (Classes**

**meet every other day)**

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| 1. Common Core Learning Standards Addressed:   ***Writing Standards:*** Standard 6- Use Technology, including the internet, to produce and publish writing and to interact and collaborate with others.  ***NYS Standards:*** Standard 5 - Technology |

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| 1. Learning Target(s): (What will the students know and be able to do as a result of this lesson?)   Students will know each step of the design process.  Students will learn how to use the design process in solving technological problems. |

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| 1. Essential Question(s)/Guiding Question(s):   What is the design process and why do we use the process in technology? |

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| 1. Higher Level Thinking Questions to be used during the lesson:   Students will be given design problems, where they will have to develop each step of the process to solve  the problem. |

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| 1. Bridge/Connections/Hook:   Every technological problem that is solved in the world goes through the design process! |

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| 1. Materials/Resources/Technology Integration:   Paper  Pencil  Computer w/internet |

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| 1. Mini Lesson/Process/Procedure:   Go over each step in detail and terminology of the design process. |

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| 1. Work Time/Activities/Tasks: (What learning experiences will students engage in? How will you use these learning experiences or their student products as formative assessment opportunities?)   Students will be given several technological problems in class and they will have to develop the different steps in groups. |

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| 1. Access for All: (How will you ensure that all students have access to and are able to engage appropriately in this lesson? Consider all aspects of student diversity.)   Students will be working in groups to help each other. |

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| 1. Homework/Extensions/Enrichment:   N/A |

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| 1. Formative Assessment Criteria for Success: (How will you and your students know if they have successfully met the outcomes? What specific criteria will be met in a successful product/process? What does success on this lesson’s outcomes look like?)   The topic will be used many different times throughout the school year. Over several different activities, the steps should become very easy for the students to remember and how to use each one. |

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| 1. What adjustments will be made for students that do not meet the Criteria for Success?   Review throughout the school year! |

Reflections:

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| 1. How does this lesson reflect academic rigor?   Students will have to problem solve and think outside the box to each problem given to them. |