**COMMUNIQUE**

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| **Course: Industrial Arts** | **Instructor: Robert Vetter** |

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| **Week 1Activities/Concepts: Tool Safety and Personal Protective Equipment, Classroom Norms, Group Norms, Project Based Norms. Introduction to the Design Process. Design and present, in small groups, a design solution for a broken light box for an elementary classroom.**  **Suggested Home Study: Think, Create, Design, Sketch. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 2 Activities/Concepts: Introduction to technical drawing. How to read and sketch plans. Perspective drawing. Build shelves, install bulletin boards, etc. for the high school and elementary school. Design Challenge: backpack hangers.**  **Suggested Home Study: Practice perspective drawings. Think, Create, Design, Sketch. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 3 Activities/Concepts: Isometric drawing introduction. Design Challenge continued- use the design process, brainstorm, sketch, refine, research cost, generate a supply list, build a prototype (scale model). There will be a critique session in which each design will be peer reviewed. Revise the design and present to class.**  **Suggested Home Study: Think, Create, Design, Sketch. Read corresponding material in your text book or find online resources that align with the topic at hand.** |
| **Week 4 Activities/Concepts: Isometric views continued. Presentations continued. Consensus. How do we agree on which design to use? Can we merge the most positive design features into one final product? How do we go about this process?**  **Suggested Home Study: Think, Create, Design, Sketch. Read corresponding material in your text book or find online resources that align with the topic at hand.** |