Vinyl Cutter Project

I Can:

1. Complete the Engineering Design Process for a 3-layer sticker project
2. Define basic terminology related to vinyl printing
3. Create, save, print and assemble my own vinyl design

Competencies:

1. math and spatial reasoning: navigating 2d (X and Y) designs
2. graphics: vector design, outline traces and alignment tools
3. ordering sequencing and visualizing: layers for the sequence of cutting

Portfolio-Based Assessments:

1. Complete Assessment Literacy and Machine check list. (Done through written and/or demonstration to teacher)
2. Complete documentation using the Design Process Log and provide picture artifacts. (on-going throughout project)
3. Tell the story about the project and describe how project was completed using the grading rubric/outline (small group sharing)
4. Provide feedback on others’ projects using the listening and feedback rubric/outline (small group sharing)

Standards using Wisconsin Common Career Technical Standards (WCCTS):

1. Standard: 4C1: Students will think and work creatively to develop innovative solutions to problems and opportunities.
2. Standard: 4C2: Students will formulate and defend judgments and decisions by employing critical thinking skills.
3. Standard: 4C3: Students will communicate and collaborate with others to accomplish tasks and develop solutions to problems and opportunities.
4. Standard: CD4: Students will identify and apply employability skills.
5. Standard: IMT3: Students will use available information and communication technology to improve productivity, solve problems and create opportunities.
6. Standard: LE1: Students will apply leadership skills in real-world, family, community and business and industry applications.