Name: Woolridge		Grading Quarter: Q1	Week Beginning: W7
School Year: 2023		Subject: Fab Lab	
Monday	Notes: Teachers only	**Objective**: Science and Engineering Practices: Students will understand the use of Inkscape photo editing, scale, aspect ratio and cropping including the use the UV flatbed printer to print on acrylic evidenced by creating refrigerator magnet. This is the second week of a two-week project. **Lesson Overview:** • Students demonstration including photo editing in Inkscape. • UV Flatbed printer demonstration	Academic Standards: **HS-ETS1-4** Use a computer simulation to model the impact of proposed solutions to a complex real-world problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.
Tuesday	Notes:	**Objective**: Science and Engineering Practices: Students will understand the use of Inkscape photo editing, scale, aspect ratio and cropping including the use the UV flatbed printer to print on acrylic evidenced by creating refrigerator magnet. This is a one-week project. **Lesson Overview:** • Students demonstration including photo editing in Inkscape. • UV Flatbed printer demonstration	Academic Standards: **HS-ETS1-4** Use a computer simulation to model the impact of proposed solutions to a complex real-world problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.
Wednesday	Notes:	**Objective**: Science and Engineering Practices: Students will understand the use of Inkscape photo editing, scale, aspect ratio and cropping including the use the UV flatbed printer to print on acrylic evidenced by creating refrigerator magnet. This is a one-week project. **Lesson Overview:** • Students demonstration including photo editing in Inkscape. • UV Flatbed printer demonstration	Academic Standards: **HS-ETS1-4** Use a computer simulation to model the impact of proposed solutions to a complex real-world problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.
Thursday	Notes:	**Objective**: Science and Engineering Practices: Students will understand the use of Inkscape photo editing, scale, aspect ratio and cropping including the use the UV flatbed printer to print on acrylic evidenced by creating refrigerator magnet. This is a one-week project. **Lesson Overview:** • Students demonstration including photo editing in Inkscape. • UV Flatbed printer demonstration	Academic Standards: **HS-ETS1-4** Use a computer simulation to model the impact of proposed solutions to a complex real-world problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.
Friday	Notes:	**Objective**: Science and Engineering Practices: Students will understand the use of Inkscape photo editing, scale, aspect ratio and cropping including the use the UV flatbed printer to print on acrylic evidenced by creating refrigerator magnet. This is a one-week project. **Lesson Overview:** • Students demonstration including photo editing in Inkscape. • UV Flatbed printer demonstration	Academic Standards: **HS-ETS1-4** Use a computer simulation to model the impact of proposed solutions to a complex real-world problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.