

Name: Woolridge		Grading Quarter: Q1	Week Beginning: W8
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: <ul style="list-style-type: none"> Students demonstration including photo editing in Inkscape. Completion of UV Flatbed printer project 	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 and GIMP photo editing, scale, aspect ratio and cropping including the use the laser raster function to print a photo on wood evidenced by creating laser photo project. This is a two-week project. Lesson Overview: <ul style="list-style-type: none"> Students demonstration including photo editing in Inkscape and GIMP. Laser raster 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 and GIMP photo editing, scale, aspect ratio and cropping including the use the laser raster function to print a photo on wood evidenced by creating laser photo project. This is a two-week project. Lesson Overview: <ul style="list-style-type: none"> Students demonstration including photo editing in Inkscape and GIMP. Laser raster 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 and GIMP photo editing, scale, aspect ratio and cropping including the use the laser raster function to print a photo on wood evidenced by creating laser photo project. This is a two-week project. Lesson Overview: <ul style="list-style-type: none"> Students demonstration including photo editing in Inkscape and GIMP. Laser raster 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 and GIMP photo editing, scale, aspect ratio and cropping including the use the laser raster function to print a photo on wood evidenced by creating laser photo project. This is a two-week project. Lesson Overview: <ul style="list-style-type: none"> Students demonstration including photo editing in Inkscape and GIMP. Laser raster 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.