

Name: Gagnon		Grading Quarter: Q3	Week Beginning: 2/12 W6
School Year: 2024		Subject: Fab Lab	
Monday	Notes:  Teachers only	Objective: Science and Engineering Practices: Students will understand the use of Inkscape Bezier tool and the use of a laser cutter to make vector cuts as evidenced by creating a 3D model of their dream home design. This is a two-week project. Students will use Inkscape Bezier tool to complete an original design of a 3D model of their dream home. Intro to Tinkercad, Cura and 3D printing demonstration.	Academic Standards: <b>HS-ETS1-4</b> 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 Bezier tool and the use of a laser cutter to make vector cuts as evidenced by creating a 3D model of their dream home design. This is a two-week project. Students will use Inkscape Bezier tool to complete an original design of a 3D model of their dream home. Intro to Tinkercad, Cura and 3D printing demonstration.	Academic Standards: <b>HS-ETS1-4</b> 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 Bezier tool and the use of a laser cutter to make vector cuts as evidenced by creating a 3D model of their dream home design. This is a two-week project. Students will use Inkscape Bezier tool to complete an original design of a 3D model of their dream home. Intro to Tinkercad, Cura and 3D printing demonstration.	Academic Standards: <b>HS-ETS1-4</b> 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 Bezier tool and the use of a laser cutter to make vector cuts as evidenced by creating a 3D model of their dream home design. This is a two-week project. Students will use Inkscape Bezier tool to complete an original design of a 3D model of their dream home. Intro to Tinkercad, Cura and 3D printing demonstration.	Academic Standards: <b>HS-ETS1-4</b> 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:	<ul style="list-style-type: none"> <li>NO SCHOOL</li> </ul>	Academic Standards: <b>HS-ETS1-4</b> 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.