Name: Gagnon			Grading Quarter: Q3	Week Beginning W2	Week Beginning: 1/15 W2		
School Year: 2024			Subject: Fab Lab				
Monday	Notes: Teachers only	Inkscape, an open-soprinting a bumper st	Academic Standards: Standards: Standards: Arizona Science Standards Appen will use Inkscape to complete the bumper sticker project. kscape and demonstration.  Academic Standards: Arizona Science Standards Appen 5 Technology Next generation science standards Engineering (4-ETS1-1):				
Tuesday	Notes:	Objective: Science a Inkscape, an open-sprinting a bumper st	Academic Standards: Arizona Science Standards Appendix 5 Technology Next generation science standards Engineering (4-ETS1-1):				
Wednesday	Notes:	Objective: Science a Inkscape, an open-si printing a bumper st  Students w Completing	Academic Standards: Arizona Science Standards Appendix 5 Technology Next generation science standards Engineering (4-ETS1-1):				
Thursday	Notes:	Objective: Science and Engineering Practices: Students will understand the use of Inkscape, an open-source graphic design program as evidenced by creating and printing a bumper sticker following classroom conventions for the project.  • Students will use Inkscape to complete the bumper sticker project.  • Students will use the Roland printer to print their bumper stickers.			Academic Standards: Arizona Science Standards Appendix 5 Technology Next generation science standards Engineering (4-ETS1-1):		
Friday	Notes:	Objective: Science and Engineering Practices: Students will understand the use of Inkscape, an open-source graphic design program as evidenced by creating and printing a bumper sticker following classroom conventions for the project.  • Students will use Inkscape to complete the bumper sticker project.  • Students will use the Roland printer to print their bumper stickers.			Academic Standards: Arizona Science Standards Appendix 5 Technology Next generation science standards Engineering (4-ETS1-1):		

Name: Gagnon			Grading Quarter: Q3	Week Be	eek Beginning: 1/22 W3		
School Year: 2023-2024			Subject: Fab Lab				
Monday	Notes:	the use of Tinkercad slicing program show classroom discussion • Students w 3D printed	Academic Standards: Broad, and Ultimaker Cura open-source CAD design and shown by creating and 3D printing a Key Fob following assions and instructions for the project. But will use Tinkercad to complete an original design of a 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 a the use of Tinkercad slicing program show classroom discussion • Students w 3D printed • Intro to Tin	Academic Standards:  HS-ETS1-4  Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.				
Wednesday	Notes:	Objective: Science a the use of Tinkercad slicing program show classroom discussion • Students w 3D printed • Intro to Tin • Intro to ope	Academic Standards:  HS-ETS1-4  Use a computer simulation to model the impact of proposed solutions to a complex realworld 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 Tinkercad, and Ultimaker Cura open-source CAD design and slicing program shown by creating and 3D printing a Key Fob following classroom discussions and instructions for the project.  • Students will use Tinkercad to complete an original design of a 3D printed 3D Key fob project.  • Intro to Tinkercad, Cura and 3D printing demonstration.  • Intro to operating 3D Printers Ultimaker 2Go.			Academic Standards:  HS-ETS1-4  Use a computer simulation to model the impact of proposed solutions to a complex realworld 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 Tinkercad, and Ultimaker Cura open-source CAD design and slicing program shown by creating and 3D printing a Key Fob following classroom discussions and instructions for the project.  • Students will use Tinkercad to complete an original design of a 3D printed 3D Key fob project.  • Intro to Tinkercad, Cura and 3D printing demonstration.  • Intro to operating 3D Printers Ultimaker 2Go.			Academic Standards: HS-ETS1-4 Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.		

Name:			Grading Quarter:	Week Be	Beginning: 1/23	
Gagnon School Year: 2024			Q3 W4 Subject: Fab Lab			
Teachers only the use of Inkscape B vector cuts as evidendesign.			nd Engineering Practices: Students will understand Bezier tool and the use of a laser cutter to make ced by creating a 3D model of their dream home ascape Bezier tool to complete an original design of a team home.		Academic Standards: HS-ETS1-4 Use a computer simulation to model the impact of proposed solutions to a complex real-world problem with numerous	
ıy		Intro to Tinkercad, C	criteria and constraints on interactions within and between systems relevant to the problem.			
Tuesday	Notes:	Objective: Science a the use of Inkscape I vector cuts as evider design. Students will use Inl 3D model of their dr Intro to Tinkercad, O	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 at the use of Inkscape I vector cuts as evider design. Students will use Inland 3D model of their drawn Intro to Tinkercad, Company of the science of th	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:	the use of Inkscape I vector cuts as evider design. Students will use Inl 3D model of their dr	nd Engineering Practices: St Bezier tool and the use of a lanced by creating a 3D model asscape Bezier tool to complement home. Cura and 3D printing demons	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 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.  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: 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.	

Name: Gagnon			Grading Quarter: Q1	Week Be	Beginning: 2/5 W5	
School Year: 2024			Subject: Fab Lab			
Monday	Notes: Teachers only	Objective: Science at the use of Inkscape I vector cuts as evider design. This is a two Students will use Inla 3D model of their dr Intro to Tinkercad, C	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 a the use of Inkscape I vector cuts as evider design. This is a two Students will use Ink 3D model of their dr Intro to Tinkercad, C	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 a the use of Inkscape I vector cuts as evider design. This is a two Students will use Ink 3D model of their dr Intro to Tinkercad, C	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:	the use of Inkscape I vector cuts as evider design. This is a two Students will use Inl 3D model of their dr	scape Bezier tool to comple	Academic Standards:  HS-ETS1-4  Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.		
Friday	Notes:	the use of Inkscape I vector cuts as evider design. Due date. Students will use Ink 3D model of their dr	nd Engineering Practices: Some Bezier tool and the use of a laced by creating a 3D model ascape Bezier tool to complete am home.  Cura and 3D printing demonstrates	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.		

Name: Gagnon			Grading Quarter: Q3	Week Be	eginning: 2/12 W6	
School Year: 2024			Subject: Fab Lab			
Monday	Notes: Teachers only	the use of Inkscape I vector cuts as evider design. This is a two Students will use Ink 3D model of their dr	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.			
Tuesday	Notes:	Objective: Science a the use of Inkscape I vector cuts as evider design. This is a two Students will use Ink 3D model of their dr Intro to Tinkercad, C	Academic Standards: HS-ETS1-4 Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.			
Wednesday	Notes:	Objective: Science a the use of Inkscape I vector cuts as evider design. This is a two Students will use Ink 3D model of their dr Intro to Tinkercad, C	Academic Standards: HS-ETS1-4 Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.			
Thursday	Notes:	the use of Inkscape I vector cuts as evider design. This is a two Students will use Inl 3D model of their dr	sscape Bezier tool to comple	Academic Standards: HS-ETS1-4 Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.		
Friday	Notes:	NO SCHOO	OL	Academic Standards: HS-ETS1-4 Use a computer simulation to model the impact of proposed solutions to a complex realworld problem with numerous criteria and constraints on interactions within and between systems relevant to the problem.		

Name: Gagnon			Grading Quarter: Q3	Week	Beginning: W7
School Year: 2024			Subject: Fab Lab		
	Notes:	President's	Day No School		
Monday					
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 paper evidenced by creating laser photo project. This is a two-week project. This is s two-week project.  Lesson Overview:  Students' demonstration including photo editing in Inkscape.  Completion of all projects for this quarter.			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 paper evidenced by creating laser photo project. This is a two-week project. This is s two-week project.  Lesson Overview:  Students' demonstration including photo editing in Inkscape.  Completion of all projects for this quarter.			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 paper evidenced by creating laser photo project. This is a two-week project. This is s two-week project.  Lesson Overview:  Students' demonstration including photo editing in Inkscape.  Completion of all projects for this quarter.			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 paper evidenced by creating laser photo project. This is a two-week project. This is s two-week project.  Lesson Overview:  Students' demonstration including photo editing in Inkscape.  Completion of all projects for this quarter			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.