

Name: Woolridge		Grading Quarter: Q2	Week Beginning: W14
School Year: 2023		Subject: Fab Lab	
Monday	Notes: Teachers only	<p>Objective: Science and Engineering Practices: Students will understand the use of a soldering rework station as evidenced by desoldering 5 distinct componants. This is a two-week project.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Saftey discussion and demonsration. • Demonstration desoldering rework station. • Demonstration introduction to electronic componants. 	<p>Academic Standards: HS-ETS1-4</p> <p>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.</p>
Tuesday	Notes:	<p>Objective: Science and Engineering Practices: Students will understand the use of a soldering rework station as evidenced by desoldering 5 distinct componants. This is a two-week project.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Saftey discussion and demonsration. • Demonstration desoldering rework station. • Demonstration introduction to electronic componants. • Independent work on desoldering. 	<p>Academic Standards: HS-ETS1-4</p> <p>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.</p>
Wednesday	Notes:	<p>Objective: Science and Engineering Practices: Students will understand the use of a soldering rework station as evidenced by desoldering 5 distinct componants. This is a two-week project.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Saftey discussion and demonsration. • Demonstration desoldering rework station. • Demonstration introduction to electronic componants. • Independent work on desoldering. 	<p>Academic Standards: HS-ETS1-4</p> <p>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.</p>
Thursday	Notes:	<p>Objective: Science and Engineering Practices: Students will understand the use of a soldering rework station as evidenced by desoldering 5 distinct componants. This is a two-week project.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Saftey discussion and demonsration. • Demonstration desoldering rework station. • Demonstration introduction to electronic componants. • Independent work on desoldering. 	<p>Academic Standards: HS-ETS1-4</p> <p>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.</p>
Friday	Notes:	<p>Objective: Science and Engineering Practices: Students will understand the use of a soldering rework station as evidenced by desoldering 5 distinct componants. This is a two-week project.</p> <p>Lesson Overview:</p> <ul style="list-style-type: none"> • Saftey discussion and demonsration. • Demonstration desoldering rework station. • Demonstration introduction to electronic componants. • Independent work on desoldering. 	<p>Academic Standards: HS-ETS1-4</p> <p>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.</p>