

Elective Course Description

Course Name	Exploratory Elective 2
Course Number	TBD
Length of Course	One Semester
Grade Level	9-12
Credit Type	0.5 Elective Per Semester
Grading Scale	A-F
Course Prerequisite	None
Course Summary	In this course students will explore various Technological, Artistic, and LifeSkill based electives.
Primary Materials	3-D Printer, Computers, Cameras, Flint/Steel, Popsicle sticks, glue, Microwave,
Standards	<i>Digital Literacy Standards:</i> 6-12.ID.1 Students engage in a design process and employ it to generate ideas, create innovative products or solve authentic problems. 6-12.ID.3 Students engage in a design process to

	<p>develop, test and revise prototypes, embracing the cyclical process of trial and error and understanding problems or setbacks as potential opportunities for improvement.</p> <p><i>Media Arts Standards:</i> MA:PR5a-HSP a. Demonstrate progression in artistic, design, technical, soft skills, as result of selecting and fulfilling specified roles in the production of a variety of media artworks.</p> <p><i>High School Physical Activity Standards:</i> A.5. Demonstrate competent skills while participating in adventure/outdoor activities (e.g., Alaskan cultural physical activities, hunting, fishing, skiing, biking, hiking, wilderness survival, camping).</p> <p><i>Language Arts Standards:</i> Writing Standards 3. Use narrative writing to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences</p> <p><i>Cultural Standards:</i> E.2 Culturally-knowledgeable students demonstrate an awareness and appreciation of the relationships and processes of interaction of all elements in the world around them. Students who meet this cultural standard are able to understand the ecology and geography of the bioregion they inhabit;</p>
Assessment	End of Unit Test/Project after each unit.

Activities	
SEMESTER 2	
Week 1	Technology Unit 2: (Day 1- Intro to 3-D printing, Day 2-4- Intro to Designing a 3-D print that has at least 1 moving part)
Week 2	Technology Unit 2: (Day 5-8: Unit Project-Design a Moving project)

Week 3	Culinary Unit 2: (Day 1- Food Safety/Contamination, Day 2- Following a recipe, Day 3&4 - Microwave Cooking 101)
Week 4	Culinary Unit 2: (Day 5-6- Grades of Meat/Dairy- How they are prepared, Day 7&8- Camp Cooking 101)
Week 5	Industrial Design Unit: (Day 1-2-Basic of Bridge Designing/Support, Day 3-4:
Week 6	Industrial Design Unit: (Day 5-6: Basics of Boat Design Day 7-8: Designing for Buoyancy)
Week 7	Psychology Unit: (Day 1-2- Parts of the Brain, 3-4-Examine Case Studies)
Week 8	Psychology Unit:(Day 5- Codes, Day 6- Cryptogram, Day 7- Logic Puzzles/Deduction, Day 8- Ciphers)
Week 9	Gardening Unit 2:(Work with Greenhouse Staff to help with Planting etc...)
Week 10	Gardening: Unit 2: (Plant things in the Raised beds by DO)
Week 11	Videography Unit: (Day 1-2: Seven Basic Elements of Video Production, Day 3-4 Writing a Script)
Week 12	Videography Unit: (Day 5-8 Project: Create a video)
Week 13	Culinary Unit 3: (Day 1-4 Designing and Menu and Table Manners)
Week 14	Culinary Unit 3: (Day 5 Presentation, Day 6-8 Unit Project: Design, Create, and Set up a Dinner)
Week 15	Outdoor Survival Unit 2: (Day 1- Edible/Poisonous Plants, Day 2-4- Classification of Dichotomous keys,

Week 16

Outdoor Survival Unit 2: (Day 5-6- Edible Fish/Animal, Classifications, Day 7-8: Navigating with a map and Compass)