



2024 / 2025 Fridays

For ages 11-15

9:00 AM – 1:30 PM

Here is an example schedule. A real schedule will be co-created with the students.

What is shown:

- Each Friday will include two sessions of about 1 hour each for focused learning experiences.
- Two student-led projects each term
- Blue fill = part of a project progression
- Green fill = included activity
- Rust fill = elective co-chosen with students
- Gray fill = no meeting

What is not shown:

- Every Friday will include exploring, music, and games
- We would like to have one family campout per term, possibly camping over the Thursdays before Fridays marked with “*”

Date	Session A	Session B
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Fall Term

Aug 30	Explore	Plan for Project 1
Sep 6	Prepare for Project 1	Prepare for Project 1
Sep 13	No Meeting	
Sep 20	No Meeting	
Sep 27 *	Project 1	
Oct 4	Stream Dynamics Lesson	Fishing
Oct 11	Plan Project 2	Short Stories
Oct 18	Prepare for Project 2	Prepare for Project 2
Oct 25	Project 2	
Nov 1	Sketching	Prime Climb
Nov 8	Perspective Drawing	Ecology Applications of Algebra
Nov 15	Perspective Drawing	Prepare for Presentation
Nov 22	Camp Cooking	Presentation
Nov 29	No Meeting	

Winter Term

Dec 6	Plan Project 3	Geometric Drawing
Dec 13	Prepare for Project 3	Geometric Drawing
Dec 20	Prepare for Project 3	Ecosystem Experiment
Dec 27	No Meeting	

Jan 3	No Meeting	
Jan 10	Project 3	
Jan 17	Short Stories	Microscopy
Jan 24	Short Stories	Stop-Motion Film
Jan 31	Plan Project 4	Stop-Motion Film
Feb 7	Prepare for Project 4	Prepare for Project 4
Feb 14	Project 4	
Feb 21 *	Electricity & Magnets	Electricity & Magnets
Feb 28	Camp Cooking	Presentation

Spring Term

Mar 7	Plan for Project 5	Tiny Robots
Mar 14	Prepare for Project 5	Prepare for Project 5
Mar 21	Project 5	
Mar 28	No Meeting	
Apr 4	No Meeting	
Apr 11	Make Prime Climb	Algebra
Apr 18	Fishing	Fishing
Apr 25	Plan Project 6	Alcohol Rockets
May 2	Prepare for Project 6	Prepare for Project 6
May 9	Project 6	
May 16 *	Bird Survey	Watercolor
May 30	Camp Cooking	Presentation

Possible Projects (others may be added)

- Plant native plants at conservation area
- Build and install bird boxes
- Design and build trails on Sagebrush Ranch
- Build furniture – indoor or outdoor, such as desks, benches, picnic tables
- Organize community trash cleanup of a river or special place
- Partner with other organizations for bird banding or other wildlife projects
- Lead another group in an outdoor adventure
- Perform needed ecological surveys on a private or public property
- Create and donate materials needed by people in need
- Create and present a public-service message on an important local topic
- Create and put on an event to recognize an important local person or group
- Organize a first-aid training class
- Organize a tournament or festival

Included Topics & Activities

- Short stories – reading, reading aloud, writing; see list below.
- World explorers; see list below.
- Geometric drawing (using only compass and straight edge)

- Perspective drawing
- Algebra applications
- Electricity and magnets

Short Stories

- The Celebrated Jumping Frog of Calaveras County – Mark Twain
- The Green Door – O’Henry
- A Mask for Fear – Ruth Sterling
- What Stumped the Bluejays – Mark Twain
- Thank You, M’am – Langston Hughes
- The Night The Ghost Got In – James Thurber

World Explorers

- Lief Erikson – Greenland and North America
- Zheng He – Sea Voyages in Asia
- Marco Polo – Central Asia and China
- Kit Carson – American West

Electives (others may be added)

- Egg drop
- Bridge-building
- 1 Act Play
- Watercolor
- Pottery
- Creating tiny robots
- Woodcarving
- Greenhouse gardening
- Aquaponics
- Stop-motion Videography
- Generating electricity with water
- Building catapults
- Creating a board game
- Microscopy
- Creating a large-scale mural