



HELDEBERG WORKSHOP

AN ADVENTURE IN LEARNING

Jean Pauley, Founder

Picard Road

Town of New Scotland

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SUMMER PROGRAM 2021 – Our 61st Year

(9 AM – NOON, Monday - Friday)

Week 1: July 12 - July 16

Week 4: August 2 – August 6

Week 2: July 19 - July 23

Week 5: August 9 – August 13

Week 3: July 26 - July 30

Week 6: August 16 – August 20

The Heldeberg Workshop is a NOT FOR PROFIT Organization, chartered by the New York State Board of Regents of the University of the State of New York.

The Heldeberg Workshop has a permit to operate from the Albany County Department of Health.

It is inspected twice yearly; reports are available at the office on Ferry and Green Streets.

Heldeberg Workshop
P.O. Box 323
Voorheesville, NY 12186-0323



1 WEEK CLASSES ARE \$140.00

Discoverland 2021

Chairperson: Darcy Morrison

Grades: K – 2

D01 Science & Scavenger Hunts

Weeks: 2, 3, 4, 5, 6

Grades: K - 2

We do it all in “Scientists & Scavenger Hunts”! We investigate the amazing plant life and wild creatures that are found on our land. We explore the mountain, with its huge boulders, walk through streams, visit the pond, and so much more! We perform fun experiments from nature and go on awesome scavenger hunts! Join our great exploratory walks and “hands-on” activities!

Instructor: Weeks 2,3,4,6: Angela Datri; Week 5: Jennifer Hess

D02 Amazing Arts and Exploration

Weeks: 2, 3, 4, 5, 6

Grades: K - 2

Come to create, explore, learn ... and most importantly, be an artist! Here we will work with many art materials: watercolors, paints, crayons, markers and much more. You'll draw your favorite outdoor animals, inspired by all the beauty of the Land: the thick forests, the streams, the pond with its big frogs and dragonflies!!! Painting, drawing, watercolors, creating mobiles - we do it all in “Amazing Arts and Exploration”.

Instructor: Morgan Redmond

D03 Nature's Clubhouse

Weeks: 1, 2, 3, 4, 5, 6

Grades: K - 2

In “Nature’s Clubhouse” this summer, we will create a “playroom”; we’ll have fun gathering nature’s treasures for this room! We will design a nature **T-shirt** to wear, find and decorate our own **hiking sticks** and prepare yummy nature **treats**. We will investigate the pond, catch frogs, walk up streambeds and collect fossils. We will also find Chipster the Chipmunk, Gentle Giant, Little Red the Salamander, and the **GHOST!** *Come join in the fun!*

Instructors: Chris Cronin – Wks. 1-4; Danielle Newkirk – Wks. 5-6

D06 Walk a Native American Path

Week: 6

Grades: K - 2

This class is filled with all things Native American - you'll even give yourself a unique Native American name! We'll **make talking sticks**, **dream catchers** and much more! We'll play exciting Native American games and explore the forest, pond and streams of the Helderberg Mountains – a place where the Native Americans once lived. We have a full-sized **tipi**, which we will use for reading books, eating snacks and just having fun! Come and join in on all the excitement!!

Instructor: Lauren Dantz

D07 Nature's Explorers

Weeks: 1, 2, 3, 4, 5, 6

Grades K - 2

Join the adventure with Nature's Explorers! We'll go for hikes every day, there's always a new place to explore! We'll go to the stream beds to find fossils, the pond to see its many frogs, salamanders and dragonflies, and of course, to the woods! We'll find cool hideouts every day and best of all; we'll play fun games wherever we go! We'll make exciting crafts and creations relating to our day's adventures. Each day is full of wonder and new surprises!

Instructor: Week 1: Danielle Newkirk; Weeks 2-6: Eva Trombley

Science 2021

Chairperson: Jerry Dievendorf

S01 Bugs and Slugs ... Advanced!

Week: 4

Grades: 3 - 6

Bugs are everywhere! Want to learn the major insect groups and how they differ from spiders and other small creatures? We will use scientific methods to discover things about them using simple experiments, microscopic observation, and creation of an insect zoo.

Instructor: Jerry Dievendorf

S02 Science Fun

Weeks: 1, 2, 6

Grades: 2 & 3

Do you know why certain animals live where they do? Explore the forest with us, probe the pond and swamp, examine evidence of deer activity and learn how to find salamanders, snakes, frogs and insects. Recognize animals from their tracks. We'll conduct chemical tests of water and berries to make deductions about what certain animals eat and where they live. We will also examine stream beds to find fossils of ancient life, and we'll try to guess what our environment might have been like in those earlier times. Come and have fun with us!!

Instructor: Jennifer Hess

S06 Rocks & Fossils

Week: 3

Grades: 4 & up

Dig into the world of rocks, minerals and fossils. Learn about earthquakes, glaciers, volcanoes and much more! We go on hikes to various fossil-collecting sites, create model volcanoes, and learn to navigate the woods with ease (an essential life skill!) using a map and compass. We'll complete the week with a “treasure” hunt!

Instructor: George Pafumi

S08 Wee Beasties

Week: 5

Grades: 4 - 6

Explore the hidden microscopic universe of Heldeberg Workshop. Through the use of microscopes, we will learn just how different things look under powerful magnification. There are thousands of different forms of microbial life in the wilderness. We will search the entire Workshop for as many of these “wee beasties” as we can find. We will figure out how to protect ourselves from bad microbes that can harm us. And we will experiment with other microbes to do fun things, like make yeast bread. We will also learn how microscopes can help us solve crimes and study molecules like DNA.

Instructor: Dan Chaize

S09 Fossil Hunting

Weeks: 4, 5, 6

Grades: 3 & 4

Find the remains of organisms that lived here hundreds of millions of years ago! Learn about the prehistoric environment that these creatures lived in. Discover how to search for fossils in an area known for its geologic richness. Get your hands dirty identifying fossils such as trilobites, bryozoans, ancient corals, and many, many others, as we talk about their significance.

Instructor: George Pafumi

S10 Forest Ninjas**Week: 3**

When a ninja enters the forest, nothing moves without the ninja noticing - and yet - the ninja can move silently and unseen. How does the ninja do it? The birds are always communicating about who is moving around, and the ninja knows their language. The ninja has also practiced moving like animals so many times in martial arts classes that the ninja can move silently and unseen like the bobcat. Learn the ways of the ninja in the forest through stories, fun, games and - of course - sneaking around! Never again will your sibling be able to sneak up on you!

Instructor: Steve Young

Grades: 3 - 6**S11 Advanced Forest Ninjas****Week: 2**

Just what is the secret of the Forest Ninjas that allows them to travel undetected over the landscape? They befriend the birds of course! The birds tell a ninja who is coming long before they arrive, giving her plenty of time to disappear into the thicket undetected. And a ninja is careful to respect the birds and blend into the forest, so that the birds never give away his presence. Join us as we learn the language of the birds and practice moving undetected over the landscape even with hundreds of kids and adults here for our summer programs. As our skills grow, the birds will allow us to see their private lives as they work hard to feed their babies and keep them safe. They might even tip us off to the location of the ferocious songbird eating machine otherwise known as the Coopers Hawk.

Instructor: Steve Young

Grades: 4 - 7**Art 2021**
*Chairperson: Jason Martinez***A01 Brazing, Welding & Wire Sculpture****Weeks: 5, 6**

In this class you will learn how to plan out two-dimensional and three-dimensional steel wire sculptures, then bring them to life using a form of welding called brazing! This is an exciting class where students will learn to use a variety of tools while working with steel wire, and learn fun brazing techniques.

Instructor: Emma Hampston

Grades: 6 & up**A03 Artistic Trading Cards****Week: 2**

Create many miniature artworks about the same size as baseball cards! A variety of mediums and techniques will be explored to create these mini masterpieces. These works of art are will be presented in card-collector pockets, sleeves and sheets. These works are great to keep, trade, or even send in the mail to friends and family!

Instructor: John Vandenbergh

Grades: 3 - 8**A04 Multicultural Creations****Week: 6**

In this class you will explore the traditions of different cultures and artistic creations from around the world! Please come join us in this fun and exciting class making multicultural art with fun mediums using your own creative expression. Mask making, watercolor Chinese Dragons, African mud cloth, Glue batik, Indian Diya lamps, cats eye, Paper dream catchers, paper rangoli and more!

Instructor: Jason Martinez

Grades: 5+**A05 Cartooning****Week: 1**

Attention: fans of comic books, cartoons and comic strips!

Explore the art of cartooning. Human animation will be emphasized, including facial expression, body movement and setting. Learn to create original story lines and scripts. The class will "publish" a collective comic book.

Instructor: John Vandenbergh

Grades: 4 - 8**A07 Mixed Media Drawing & Painting****Week: 3****Grades 6-12**

Come explore your creativity using all kinds of materials like paint, graphite, ink, coloring, and collage! Fill up your sketchbook with all kinds of art!

Instructor: Jack Hassett

A09 Mixed Media Fun**Weeks: 5****Grades 6+**

In this fun and engaging class, we will focus on using a variety of materials including painting, coloring, drawing, collage, and more!

Instructor: Jason Martinez

A10 Art & Reptiles !!**Week: 2****Grades: 4 - 8**

Do you love art? Love reptiles? Learn how to draw, paint and create models of different kinds of reptiles! In fact, to inspire your works of art, we'll even have some live reptiles on hand for you to look at and study! Reptiles come in exciting colors, unique, inspiring designs, and a variety of sizes – they'll inspire fun, creative pieces of art!

Instructor: Erin Hannah

A13 Metalwork & Design - Beginning and Advanced**Weeks: 3, 6****Grades: 6 & up**

In this class, students will learn how a metalsmith/artist transforms ideas into design, and in the process, creates very cool pieces of art, including wearable pieces! Students will use many different hand-held tools and work with copper and brass to create their own, special metal designs. Returning students are welcome to work on more advanced projects.

Instructor: Irene Purificato

A14 Drawing for Real**Week: 4****Grades: 5 - 12**

"Drawing for real" is your creative step to obtaining drawing skills that will help you draw realistically. This class will take you from having some knowledge in drawing to creating advanced renderings with a deep understanding of traditional drawing fundamentals.

Instructor: Jason Martinez

A15 Digital Photography**Week: 4****Grades: 6-12**

Have fun learning the fundamentals of photography including how to use your camera, composition, and image production as they apply to digital photography. Gain the skills necessary to capture, critique, and edit images of professional quality.

Instructor: Alicia Lea

A16 Art and Nature**Week 5****Grades: 3-12**

Learn about making art from and about nature! Using elements of natural life such as stones, sticks, leaves, and water in a creative way to make a new work of art. Learn about artist's like Andy Goldsworthy who explore our relationship to the natural world around us. Come learn to paint, draw, and sculpt with our natural world!

Instructor: Alicia Lea

Folk Arts 2021

F02 French and Indian War

Week: 2

Grades: 4 & up

Indian attacks...France invades New York. Defend King and Country! "Kid -life" in 1753 Heldebergs is dangerous, but fun. Pioneer life in Colonial New York comes alive as you develop exciting skills learned during the War that made America. Ben Franklin's Albany Plan of Union asks the question; will we learn to govern ourselves?

Instructor: Jeffrey Tew

F06 Beginning & Advanced Blacksmithing

Weeks: 3, 4, 5

Grades: 7 & up

In this class, beginning students will be accommodated alongside returning advanced students, who will further develop their skills and be instructed in the making of projects such as fireplace tools, chandeliers or garden decorations. Emphasis will be placed on control and consistency in student work. Blacksmithing students should expect to work hard and will need to come to class with closed-toed shoes, long-sleeved shirts and long pants.

Instructor: Weeks 3,4: Noah Khoury; Week 5: Steve Khoury

F07 Indians of North America

Week: 3

Grades: 4 & up

How did the Iroqious and Sioux Indians live? Join us for a weeklong adventure and hear their stories and songs. Explore the woods to find and identify plants, animals, footprints and feathers. Gather natural items to make and decorate a "talking stick". Visit our longhouse and tipi! Make your own clay pot, an Eastern Indian cornhusk doll, and Plains Indian medicine wheel. Join us and see how the Indians of North America lived!

Instructor: "Standing Woman" (Dawn Marczak)

F09 Revolutionary War

Week: 4

Grades: 4 & up

George Washington, Thomas Jefferson and you! Learn about the Revolution in the Heldebergs. Young people like you in every battle. Hands-on fun filled activities. Learn military tactics as you battle to save Albany from British invasion and discover how our freedoms were won. Join up and decide... Will you take the Kings shilling or sign the Declaration and create a new country of your own?

Instructor: Jeffrey Tew

F12 Weaving Studio - Beginning and Advanced

Weeks: 1, 2

Grades: 4 & up

Learn basic weaving skills on a four shaft loom. Choose your colors, set up your loom, choose your weft and weave your project! Students who have previously taken a weaving course will be given a review of basics, then may go on to explore new weaves and projects. Students are encouraged to enroll for two or more weeks to further their skills and complete weavings of their own design.

Instructor: Candace Christiansen

F15 Earth Art

Week: 3

Grades: 3 - 12

Do you love to build things? Are sand castles and mud creations something you would enjoy? "Earth Art" is the class for you! Earth artists work in nature, using natural materials, such as sand, stones, twigs, mud and leaves, for their creations. Exploring, collecting and designing our earthworks will be lots of fun! The sculptures won't last too long, but the photographs will!

Instructor: Trisha Zigrosser

F17 Maskmaking

Week: 4

Grades: 3 - up

Do you like your hands submerged in slime? It's a messy process, but the masks we create will be astounding! We'll use Heldeberg rocks as forms, then layer paper strips to produce masks that can be mysterious, funny, fanciful or even frightening. Masks will be painted and perhaps embellished with natural items we find on the Land. Ancient cultures will be our inspiration as we let our imaginations soar!

Instructor: Trisha Zigrosser

Performing Arts 2021

Chairperson: Joe Hetko

T02 Be a Magician!

Week: 5

Grades: 3 & up

Here's your chance to learn magic from one of the top magicians in the Capital Region. Magician Jim Snack will draw from his bag of tricks to teach sleight of hand, close-up magic, and illusions. Each student will master several tricks with cards, coins, rope and other readily available objects to present at the Open House. The workshop is for ages 8 and above.

Instructor: Jim Snack

T05 Wizards Workshop

Weeks: 1, 2

Grades: 3 - 8

Your OWL has arrived! Don't miss your opportunity to attend Hogwarts in the Helderbergs. Potions, Magic Charms, and Mystical Beasts (and where to find them) are a few of the subjects that students will enjoy in this creative crash course in theatrical conjuring. Apprentices will construct a Wizard's wardrobe, magical apparatus, and other accessories of Abracadabra! Grab your broomstick and get ready to play wizard games. Imagination and Magic mixed in good measure.

Instructor: Scott Payne

T06 Renaissance Festival Fun

Week: 3

Grades 3 – 8

Description coming soon

Instructor: Scott Payne

T09 Time Travelers to the Rescue! The Aeronaut Adventure

Week: 4

Grades: 3 - 8

Description coming soon

Instructor: Scott Payne

T10 Haunted Heldebergs

Weeks: 5, 6

Grades: 3 – 8

It's back. That strange little house on the edge of the forest has appeared from the fog once again, and is waiting for you to uncover it's secrets.

Create the Legend, tell the tale, and surprise our "Guests", as we build a theatrical Haunted House, made to mystify.

Ghosts and Graveyards. Monsters and Mayhem!

Will you be its next Victor ...or Victim??

Instructor: Scott Payne



Find us on Facebook at
www.facebook.com/HeldebergWorkshop

High Adventure 2021

Chairperson: Marilyn Pusatere

H02 My Side of the Mountain

Weeks: 1, 2, 4

Grades: 4 - 6

My Side of the Mountain, by Jean Craighead George, is an adventure story of self-reliance and ability to adapt to the environment. Like the main character, Sam Gribley, students in this class will learn basic skills to use the land to survive. You'll build a survival structure, learn to start a fire with flint and steel, cook over a fire, hike with a map and compass, and identify wildlife. You'll keep a journal of your experiences. You should become familiar with the popular story to fully enjoy this class.

Instructors: Darcy Morrison

H03 MORE My Side of the Mountain

Weeks: 5, 6

Grades: 6 – 8

Did you take My Side of the Mountain? Want more? This class is offered for older students, and everything will be a little "more". After you build a fire with flint and steel, you will safely and successfully maintain the fire. You will hike the Heldebergs, gather wood, forage, and identify flora and fauna. Different types of shelters will be built. You will become attuned to nature and learn basic outdoor survival skills, like Sam Gribley!

Instructor: Darcy Morrison

H05 Archery

Weeks: 2, 3, 5, 6

Grades: 6 & up

Learn the basic shooting techniques using recurved bows. Recurved bows are used in national shooting competitions and the Olympics. Practice calculating scores and improvement through the week. Candy shoots and our final day team shooting competition keep students engaged as they become lifelong participants of the sport. Those students who have practiced Archery before will have the opportunity to continue to develop their skills.

Note: Recurve bows will be used for this Archery course.

Instructor: Wks. 2,3: Kevin McFerran; Wks. 5,6: Claire Pusatere

H06 Hede-Trekking

Weeks: 2, 3

Grades: 3 & 4

Hike the Heldeberg Workshop! Spend your week hiking and exploring the fields, woods, swamp and pond areas of the Workshop Land. Learn what to do and what not to do when out hiking, whether on the Workshop Land or elsewhere with friends and family. Learn some basic safety and survival skills such as building a campfire, making a survival shelter and reading basic trail maps. You will need to wear comfortable hiking shoes or sneakers, as we will do a lot of hiking. Students should also have a small daypack that can hold a raincoat, a water bottle and snacks for each day's adventure.

Instructor: David Wallingford

H07 Woods Wanderers

Weeks: 4, 5, 6

Wk 4: Grades 6-8; Wks 5&6: Grades 4-5

Not all who wander are lost! Unlock your inner wanderer in this course for hikers and curious naturalists. Venture into our unique, beautiful, and diverse land while learning basic plant, insect, and animal identification. Whether out for a day or overnights, this class will prepare you for a safe and enjoyable journey. You will learn how to pack gear, cook outdoors, do basic wilderness first aid, and handle bad weather and survival situations. Learn and practice "Leave No Trace" principles while wandering and wandering throughout Heldeberg's gorgeous landscape. If you're interested in broadening your hiking experience and immersing yourself in a world of nature, then this course is for you!

Instructor: Karen Treadgold

H08 Junior Archery

Weeks: 1, 2, 3, 4

Grades: 3 - 5

This course will stress all the FUNdamentals of Archery with an emphasis on skills for younger students. Archery games and tournaments make this class interesting and lively! Students will use the latest technologically advanced "toy" bows and arrows to shoot at a variety of backdrops and targets.

Instructor: Weeks 1-3-Gwen McFerran; Week 4: Claire Pusatere

H10 Geo-caching

Week: 6

Grades: 5 - 8

Come learn the joy of GeoCaching! Geocaching started 18 years ago, when the US Government made the Global Positioning System (GPS) available to the general public. Within one day someone used the technology to hide a small cache and post those coordinates online - 3 days later it had been found twice! Right now there are over 2.5 million geocaches and 6 million geocachers worldwide. In this course, we will explore the various tools of geocaching, while searching the grounds of Heldeberg Workshop on a plethora of adventures seeking out caches from nanos to multis.

Instructor: Chet Boehlke Jr