

IT'S FREE! IT'S FUN!

GREAT EXPLORATIONS 2025

FIND YOUR SPARK



A HANDS-ON SCIENCE, TECHNOLOGY, ENGINEERING, ARTS & MATH ADVENTURE
FOR ALL 5TH – 7TH GRADE STUDENTS.

SATURDAY, MARCH 15, 2025

Whitman College Campus

Cordiner Hall Lobby - Corner of Boyer and Park

Student check-in 8:40 - 9:00 am - Event 9:00 am - 2:00 pm

WELCOME ADDRESS - DR. JULIE PERRON

Julie Perron currently works as the Director of Equity and Dual Programs with Walla Walla Public Schools. Julie is bilingual Spanish/English and a high energy teacher, with lots of enthusiasm for self empowered learning and advancement.



SCAN ME

IT'S FREE! IT'S FUN!

**PRE-REGISTRATION IS REQUIRED
SPACE IS LIMITED!**

Registration is open until March 7 or until all classes are filled.

Check ONLINE REGISTRATION TODAY to see ALL the workshops!

www.gewallawalla.com

Pre-Registration is required and helps us to schedule your classes and order your free lunch.

Photos will be taken during this event to be used in future Great Explorations publicity.

CONFERENCE GOALS

To provide 5th through 7th grade students with an informal, hands-on experience with careers that utilize science, technology, engineering, arts, and math.

To provide an opportunity to meet and form personal contacts with female professionals in these exciting careers.

www.gewallawalla.com • email: gewallawalla@gmail.com

SCHEDULE

Saturday, March 15, 2025

Cordiner Hall Lobby - Whitman Campus

8:40 - 9:00 am	Student Check-in (Cordiner Hall)	11:50 - 12:50 pm	Workshop B (Hall of Science)
9:00 - 9:45 am	Orientation / Welcome (Cordiner Hall)	1:00 - 2:00 pm	Workshop C / Evaluations (Hall of Science)
10:00 - 11:00 am	Workshop A (Hall of Science)	2:00 pm	Students Escorted back to Cordiner Hall for pick-up
11:10 - 11:40 am	Lunch Break* (Cleveland Commons)		

**FREE lunch will be provided at the on-campus restaurant, Cleveland Commons.*

Please bring your own lunch if you need special food. Free beverages for all will be available.

WELCOME SPEAKER - DR. JULIE PERRON



We are excited to welcome Dr Julie Perron to the stage in Cordiner to start off our day! She will set the tone for the event by challenging all to be curious, to ask questions, to show respect through words and action, and to Find their Spark by saying yes to new opportunities by being "Dream Makers and Risk Takers." Dr. Perron is currently the Director of Equity and Dual Programs for Walla Walla Public Schools and prior to this role, she served as the Principal of Edison Elementary. She is a powerful advocate for ALL students.

SPONSORS

Great Explorations in Education thanks the following sponsors for their generous support of the 2025 Great Explorations in Science, Technology, Engineering, Arts and Math Adventure:

Walla Walla Public Schools • Whitman College
American Association of University Women - Walla Walla

GENERAL OPERATING SUPPORT

J.L. Stubblefield Trust • Clara and Art Bald Trust • George T. Welch Community Grant
Yancey P. Winans Community Grant



FIND YOUR SPARK

CHECK OUR WEBSITE - WWW.GEWALLAWALLA.COM - FOR ANY LAST MINUTE CHANGES ON WORKSHOP OFFERINGS

**#01 BIOLOGY -
VETERINARY MEDICINE**

***Animal Caretakers:
Heal the Fluffiest Patients***

Love animals? Become a mini-vet! Learn how to care for your furry friends by fixing up stuffed animals and discovering how to keep pets healthy and happy.

#02 GEOLOGY

Trash-Can Volcano: Explosive Fun

Love volcanoes? Learn how the fiery mountains in your state erupt, then head outside to create your very own trash-can volcano. Warning: it's explosive—and super fun!

#03 BIOLOGY - MEDICINE

Suture Stars: Stitch Like a Doctor

Ever wondered how doctors save lives in the ER? Learn from a real Emergency Medicine physician who once sat in your shoes! Get hands-on experience with suture kits just like medical students use, and practice the amazing skill of stitching wounds. Who knows, you might be inspired to become the next lifesaving doctor.

#04 CHEMISTRY - TOXICITY

***The Green Detective:
How Safe Are Your Cleaners?***

Be a chemistry detective! Test your favorite cleaners on tiny water creatures to find out if they're truly eco-friendly—and learn how to make better choices for the planet.

#05 GEOLOGY

Fossil Hunters: Secrets Beneath the Earth

Grab your tools and dig into the world of fossils! Learn how these ancient treasures are formed, explore rocks that hold Earth's history, and uncover exciting secrets in this hands-on adventure.

#06 BIOLOGY - ORNITHOLOGY

Owl Magic: Nighttime Explorers

Step into the mysterious world of owls! Discover their habits, habitats, and what they eat by examining real owl pellets. It's a mix of nature, science, and owl-tastic fun!

#07 COMPUTER SCIENCE

Code & Create:

Secret Messages and Tech Style

Crack the code! Learn how to send secret messages using Morse and ASCII, then design your own bracelet that combines tech with your unique style.

#08 ASTRONOMY

Star Explorers: Journey Through Space

Reach for the stars! Step into the shoes of an astronomer, explore a lab full of cosmic wonders, and discover how amazing the universe can be.

#09 BIOLOGY - ENTOMOLOGY

Bug Detectives:

Discover the Beauty of Insects

Bugs aren't scary—they're awesome! Look at fascinating insects up close, learn how to identify them, and discover the hidden beauty of the tiniest creatures.

**#10 ENVIRONMENTAL ENGINEERING
AND ART**

Squishy Eco-Creations:

Make Algae-Based Toys

Get hands-on with the future of eco-friendly design! In this interactive workshop, you'll discover how algae can replace plastic in "squishy" toys. Explore the science behind sustainable materials, unleash your creativity, and design your own squishy toy to take home—all while helping to protect our planet from plastic pollution.

#11 PHYSICS

Spin-tastic Physics:

Get Dizzy with Science

Why do things spin, and what makes them stop? Dive into the dizzying world of spinning with fidget spinners, gyroscopes, bicycle wheels, and even your own body! Join Whitman Physics Professor, Dr. Moira Gresham, for an action-packed exploration of the physics behind spins, twists, and turns. Get ready to spin your way to scientific discovery!

IT'S FREE! IT'S FUN

REGISTRATION FORM

Watch for an e-mail confirmation
of your registration.

ONLINE REGISTRATION PREFERRED - www.gewallawalla.com The only way to see ALL the workshop options.

OR Cut out and return this Student Registration Form. Please print clearly!

Pre-Registration is required and helps us to schedule your classes and order your FREE lunch. Please bring your own lunch if you need special food. FREE beverages for all will be available.

Student's First Name _____ Last Name _____
Address _____ City _____ State _____ Zip _____
Student Phone Number () _____ Your favorite E-mail _____
School _____ Grade _____ Gender _____
Parent/Guardian Phone Number _____ Parent/Guardian email _____

NOTE: All contact information, including email, is for registration confirmation only and will be purged after conference. Due to space constraints, parents will NOT be permitted to attend student workshops. Photos will be taken at this event to be used in future Great Explorations publicity.

1. Workshops are for Students ONLY.

2. Please indicate your top six different preferences for workshops. Be sure to check the web site to see ALL the workshop options.

Although we try to accommodate everyone's preferences, Great Explorations cannot guarantee students will get all of their preferences.

3. Put each **WORKSHOP PREFERENCE NUMBER (#)** in the space provided below.

First pref: # _____ Second pref: # _____ Third pref: # _____ Fourth pref: # _____ Fifth pref: # _____ Sixth pref: # _____

4. **Any questions?** Call Julie at 206-399-8488 ¿Necesita ayuda para entender este formulario? Para mas ayuda llame o envíe un correo electrónico al registrador y pida hablar en español.

#12 COMPUTER SCIENCE

Robot Creators:

Kids Who Code and Build

Take charge of robots! Use your imagination to program, build circuits, and create solutions in this hands-on robotics adventure.

#13 DIGITAL DESIGN

Stick It!

Design Your Own Digital Stickers

Step into the world of digital design and create your very own custom stickers! Learn the basics of graphic design, explore creative techniques, and bring your ideas to life on screen. By the end, you'll have a collection of personalized stickers to print, share, and show off your artistic flair!

#14 BIOLOGY - ICHTHYOLOGY

Fantastic Fish:

Secrets Beneath the Scales

Fish are more than meets the eye—they hold the secrets to our environment's health! Dive into the world of fins, gills, and slime as you explore fish anatomy inside and out. Discover what these fascinating creatures can teach us about nature and become a fish detective for the day!

#15 ART - ORIGAMI

Origami Masters:

Fold, Create, Amaze!

Unleash your inner artist! Learn the magic of folding paper into amazing shapes and design a beautiful origami keepsake that's all yours.

#16 GEOLOGY - HYDROLOGY

River Builders: Shape the Earth

How did the Grand Canyon form? Why are beaches sandy? Dive into the power of water! Use a stream table to create dams, destroy beaches, and trigger natural disasters like flash floods and rising sea levels. Can you control the forces of nature? Find out in this exciting hands-on adventure!

#17 PHYSICS - OPTICAL ILLUSIONS

Tricky Colors: Optical Illusion Fun

See the impossible! Uncover hidden messages, watch colors dance and vibrate, and learn how your eyes can play tricks on you. Take home your own illusions to amaze your friends and family.

#18 BIOLOGY - NURSING

Heart Heroes: The Beat of Life

Lubdub, lubdub, lubdub... That sound is You! Discover the science behind your heartbeat! Take your pulse, check blood pressure, and even explore a real sheep heart to uncover the secrets of what makes us tick.

#19 PHYSICS - ELECTRICITY

Power Up!

Generate Your Own Electricity

Ready to light up your creativity? In this electrifying workshop, teams of four will build their own circuits and connect them to hand-crank generators. Each circuit will power a light, but the challenge doesn't stop there! Compete with other teams to see who can generate the brightest bulb and harness the most "kid power." It's hands-on science, teamwork, and fun, all in one!

#20 BIOLOGY - BOTANY

Pollen Power: The Magic of Plants

Peer into a whole new world under a microscope! Discover how tiny grains of pollen make plants grow and why they're so important for life on Earth.

#21 ASTRONOMY - GALAXIES

Galactic Detectives:

Design your own Galaxy

Become a space detective! Analyze real telescope data to uncover galaxy secrets, learn how galaxies change over time, and predict their future. Then, unleash your creativity to design your very own galaxy masterpiece!

#22 MATH - PATTERNS ART

Flexagon Wonders: Fold, Flip, Amaze

Discover the magic of hexaflexagons! Create colorful, flexible shapes, explore the math behind their mesmerizing patterns, and unlock the secrets of symmetry. It's part art, part math, and all fun!

#23 CHEMISTRY

Paint and Glow: Chemistry in Art

Dive into the colorful world of chemistry and discover how light interacts with paint ingredients to create stunning visual effects! In this hands-on session, you'll mix your own paint and craft a Mondrian-style masterpiece while exploring the science behind color and light.

**MORE WORKSHOPS AVAILABLE
IN ONLINE REGISTRATION
www.gewallawalla.com**

See the web site for more workshops not yet confirmed when this brochure went to print.

TWO EASY WAYS TO REGISTER!

1. ONLINE REGISTRATION PREFERRED AND THE ONLY WAY TO SEE ALL THE WORKSHOP OPTIONS www.gewallawalla.com



SCAN ME

2. MAIL-IN REGISTRATION

Must be received no later than March 7th.

Mail to: Great Explorations, Julie Richard, 31 Wedgewood Rd, Walla Walla, WA 99362

Any Questions? Call Julie Richard at 206-399-8488

¿Habla usted español?

Para mas ayuda llame o envíe un correo electrónico al registrador y pida hablar en español.

Watch for an e-mail
confirmation of your
registration.