



2022

Program Mission

Through two week cross-curricular and cross-graded explorations, Summits at NWS engage students and faculty members in deep studies that are rooted in our school's values, history, and mission. Summits are unique experiences, providing paths to active engagement with global citizenship, environmental sustainability, social justice, curricular exploration, and community passions.

Requirements

Students are required to complete one Summit or International trip each academic year as part of the school's graduation requirement. These classes become part of a student's academic record and will appear on student transcripts.

Attendance

Summits run from April 4-15, 2022. Each Summit class will have its own daily schedule but will generally run from 9:00 AM – 3:00 PM. Some Summits may include evening or weekend events as well as overnight travel. These are noted in the following class descriptions. Detailed schedules will be provided by early February so parents and students can make appropriate arrangements. Students are expected to attend all sessions of their classes as scheduled, including any travel component. Since Summits meet for only two weeks, absences for vacations, routine medical appointments, and other preventable causes are highly discouraged.

Further, some Summits have additional requirements such as advanced language skills, fundraising, pre-summit meetings, etc. Students should be prepared to participate in all required activities.

Athletics

Student athletes should consult with their coaches before selecting a Summit that might interfere with practices or games. Early departure for practices or games may not be possible. Summits requiring overnight travel are noted in the following class descriptions.

Class Scheduling

Registration for Summits will open December 8, 2021. Students will be sent an online form to complete by December 16. Students will be asked to select several options (e.g. 1st choice, 2nd choice, etc.). Every effort will be made to schedule students into their top choices. However, assignments will NOT be first come, first served. Rather, we will work to enroll a balanced classroom based on students' selections. Students who do not fill out the selection form in its entirety may be placed in any open Summits class. Maximum and minimum enrollments may vary by class, and the school may have to cancel or cap classes based on these limits. Every effort will be made to schedule students into their preferred classes.

Fees and Financial Support

The cost for most Summits is covered by tuition. In some cases, an additional charge is listed because of the expense of a given class. Every effort has been made to keep costs reasonable while maintaining the integrity of this program. As always, the school remains committed to providing an inclusive environment where students can enjoy a full range of programmatic opportunities, and the Northwest Experience Fund will be available to all families currently receiving financial aid.

Policies and Expectations

NWS students are bound by the school's policies both on and off campus throughout the Summits experience. Please consult the Parent/Student Handbook for further information on behavioral and academic expectations.

Summit classes are academically substantive. Depending on the class, students may be asked to read, write, journal, build, rehearse, perform, draw, or engage in other formal assignments and assessments. Class readings and other homework will be assigned.

Contact Information

For further information, please contact the summits committee at summits@northwestschool.org

Deadlines, Commitments, and Payments

All students must complete their class sign-up form by Thursday, December 16, 2021. We will announce class rosters in January. Summits with additional fees may require a deposit by February 1. Final payments are due by March 1.

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Summit Title:	Art Inspired by Seattle History
Faculty:	Gustavo Garces; Sandy Nelson
Grade Levels:	9 th 10 th 11 th 12 th
Logistical Details:	
Summit Description: Our summit will explore the history of Seattle, visit historical meaningful sites that address topics such as environmental impact and justice, racism, sense of place and home. In conjunction with the historical and foundational work, students will head to the studio to create prints, drawings, paintings and ceramic pieces that explore their understanding of place as it relates personally and historically.	
Questions, Skills& Objectives: 1. Students will learn to analyze their environment both and aesthetically and historically with critical lenses. 2. Students will studio art practices for printmaking, painting, and ceramics, 3 Students will understand how to curate a body of work they have created.	
Other Things to Note 1. A deep appreciation for art and history. 2. There will be walking. 3. No previous art experience	

Summit Title:	Artist as Messenger
Faculty:	Lyn McCracken, Francoise Besnard, Sarah Porter
Grade Levels:	9 th 10 th 11 th 12 th

Logistical Details:**Summit Description:**

This summit will explore the following questions using exhibition venues and the street as our learning environment: what is art? Who is considered an "artist?" Who interprets the message and how? What does art-making do for communities?

Questions, Skills& Objectives:

1. Gain practice in seeing, critiquing and analyzing art. 2. Engage in dialogue with working artists. 3. Create art!

Other Things to Note

We will be walking most days--around the neighborhood, to galleries and museums and the streets. Wear walking shoes and weather-appropriate clothing. Let us know if you need accessibility accommodations.

Summit Title:	Backpacking 101 - Deschutes River Trail
Faculty:	Richard Ha, Flora Weeks, Nathan Franck
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th
Logistical Details:	Overnight Trip, including weekend Fee Required: \$100

Summit Description:

“I have received love, unsure smiles, offers of assistance, and words of hate on banks of rivers and on the trails that are meant to be for everyone. These experiences have shaped my desire to bring about more diversity and inclusion in who occupies outdoor spaces and who turns to nature and the outdoors as a place of refuge and healing.” — Demiesha Dennis

Backpacking 101 is a basic skills course in safely exploring the wilderness. This program is intended for beginner backpackers with little to no experience for all grade levels. Students will learn basic navigation, healthy food rationing for a multi-day backcountry trip, efficient packing, preparing for all weather types, Leave-No-Trace techniques, and expedition behavior. The first week of the trip will take place in Seattle, focused on skill development and trip preparation, as well as researching Diversity, Equity and Inclusion in the outdoor industry. The second week, we will be on trail, practicing our backpacking skills, while also reading about and discussing the history of the land we are traveling through.

We will be backpacking for four nights along the Deschutes River Trail in Oregon (area subject to change, depending on accessibility and weather) from April 10th-14th. On April 6th we will go on a local day hike. Students must be able to attend the Summit in its entirety. *Students should be comfortable being away from home.

Questions, Skills& Objectives:

- 1) Be a helpful and optimistic team member on a 4 night backpacking trip
- 2) Plan and pack for a 3 night backpacking trip
- 3) Analyze outdoor materials through a historical/DEI lens

Other Things to Note

Students need to be physically able to hike up to 5 miles a day with a pack on. Students need to be able to be away from home Sunday, April 10th through Thursday, April 14th

Summit Title:	Canoe and You: Learn, Build, and Paddle
Faculty:	Sarah Chae, Sara Gutmann, Isaac Miller
Grade Levels:	9 th 10 th 11 th 12 th
Logistical Details:	Fee required: \$150 Additional permission slip and liability waiver required
Summit Description:	
<p>Ever wanted to build your own boat? This summit gives students the opportunity to learn about native maritime cultures in and around the Seattle area, the history of canoe travel, and the mechanics of flotation, navigation, and boat construction. The first week we will build model boats, design original paddle art, and take a field trip to the Center for Wooden Boats to paddle an Umiaq as a team. In the second week, we will build a full-size canoe and paddle it on Green Lake!</p>	
Questions, Skills& Objectives:	
<p>Students will learn about the cultural history of indigenous tribes in Puget Sound; Students will understand the concepts of buoyancy and water displacement to build a watercraft that will support a given amount of weight; Students will learn the practical skills required for travel by water Students will work collaboratively towards a team goal.</p>	
Other Things to Note	
<p>Students will be using hand tools and epoxy/varnish.</p>	

Summit Title:	Cosmos - A Stargazing Summit
Faculty:	Jeremy DeWitt and Scott Davis
Grade Levels:	9 th 10 th 11 th 12 th
Logistical Details:	Overnight camping trip, including weekend Fee required: \$100

Summit Description:

How (what) can observing the stars teach us about the cosmos, humanity, and ourselves? Join this stargazing expedition to the dark skies of Eastern Oregon to seek answers to these ancient questions. We will learn from astronomers, hone our observation skills, read science fiction and creation myths, conduct independent projects, and find awe in the night sky. This summit is ideal for people who enjoy spending time in open landscapes, pondering the stars, developing observation and reflection practices, and wrestling with the ethical dilemmas related to space research.

Questions, Skills& Objectives:

- Expand and hone scientific observation skills
- Develop an appreciation for the historic and cultural relationship between humans and the heavens
- Build an understanding of basic astrophysics
- Gain insight into the value of slowing down

Other Things to Note

This summit will include a 5-day road trip, departing in the morning of Sunday, April 10th and returning in the evening on Thursday, April 14th. We will be camping each night of the trip. Prior camping experience is not required, but enthusiasm for being outside is a must. Students will be able to borrow camping equipment and gear from the school. We will be staying up late on several nights.

Summit Title: Deep Roots, Green Future: Designing Parks

Faculty: Isabel Constanzo and Marina Szende

Grade Levels: 6th
7th
8th
9th
10th
11th
12th

Logistical Details:

Summit Description:

There are few things in our culture that are shared by so many people as a public park. We will get out to play in, and explore a wide variety of our public spaces to think about what makes a park work (including who is included and/or excluded in that space). We will meet the folks responsible for current and future park design and construction, and take a deep dive into both the process and product of making a great park. Activities will range from playing on playgrounds to building models of dream parks. Join us to explore urban design, sustainable parks and to understand how the history of systemic injustices shape our public spaces.

Questions, Skills& Objectives:

What makes a truly great park?

What is the role of public space, especially parks, in the overall life of a great city and community?

How do design, materials, landscaping, access, etc. all intersect in the design of a good park?

How can I be an active member of the public for whom these public spaces are designed and built?

Other Things to Note

This Summit is a partnership with the Seattle Architecture Foundation

Summit Title:	Food & Culture Walk Through Seattle
Faculty:	Wain Joseph, Sam Simon, Zulnomaris Castro and Annette Galindo
Grade Levels:	9 th 10 th 11 th 12 th
Logistical Details:	

Summit Description:

In this summit, students will have an opportunity to take a closer look at the dominant food narrative in Seattle. Many restaurants, while rebranded and advertised as "authentic", are often appropriated from the native cultures the food originated from. We will re-establish the celebration of these cultural foods by visiting and eating from local family-owned restaurants in throughout the City, interviewing the immigrant owners about their narratives in establishing their businesses. The objective is to empower the voices of these communities and celebrate the authentic cultures they continue to preserve by spreading awareness of their stories to the Northwest School community and the public. The cultures and foods we will study come from a range of immigrant communities who have come to call Seattle Home. Students will develop a deeper understanding of the relationship among food, migration, and social justice.

Questions, Skills& Objectives:

Students will engage with critical questions to educate and celebrate immigrant communities
Students will appreciate the cultural history and significance of specific dishes to each respective culture

Students will present their final product to the Northwest school community as a resource that will continue to grow and build every year.

Other Things to Note

Students will attend afternoon field trips 3 times a week

Summit Title:	Food: Chemistry, Cooking and Community
Faculty:	Erica Bergamini, Ashleigh Bragg, Frances Tee, Lulu Hays, David Montero
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th

Logistical Details:**Summit Description:**

This Summit will explore Breaking Bread through the lens of storytelling, food science, multi-cultural themes in food preparation and how food can nourish our sense of community. Days will be split into research and/or lab activities in the classroom and field trips and/or cooking activities in the dorm and off campus. Students will engage in food science laboratory activities, independent thematic research presentations, food preparation and exploring the role of food in communities.

Questions, Skills& Objectives:

Students will develop skills in the culinary arts. Students will show greater understanding of the science involved in nutrition and cooking. Students will identify a food or recipe that has significance to their own community and tell its story. Students will experience story telling around food and preparation and utilize Playback Theater to retell these stories.

Other Things to Note

Students will be interacting with wheat flour and dairy ingredients.

Summit Title:	Hogwarts in the Haus
Faculty:	Tamara Bunnell, Kathryn Wallace
Grade Levels:	6 th
	7 th
	8 th
	9 th
	10 th
	11 th
	12 th

Logistical Details:

Summit Description:

The enduring impact and influence of J.K. Rowling's Harry Potter series is historically unprecedented. What about these books has been so compelling and engaging to readers of so many ages and across so many cultures? In this summit, we will explore the themes and ideas that underlie this seemingly simple tale of good and evil. How can it inform our understanding of the "real" world? In what ways does the Harry Potter universe reflect human history and our natural environment? What sorts of things have been inspired by and created in response to Rowling's work? What are the books asking us to think about in regard to social justice, fake news, the human psyche, and political control? In the course of our two weeks together, we will explore these and other aspects of the Harry Potter series through writing, discussion, and hands-on activities. There will be a combination of in-class work, field trips, and active workshops in this summit.

Questions, Skills& Objectives:

Students will be able to understand and explain how the Harry Potter series:

1. Can inform our understanding of the "real" world
2. Reflects human history and our treatment of the natural environment
3. Has resulted in works inspired by and created in response to Rowling's work
4. Asks to think about social justice, fake news, the human psyche, and political control

Other Things to Note

Any student wishing to be part of this summit should have read the full series prior to the summit (not just seen the films). All students are welcome, whether magical or muggle (no Death Eaters, please!), from all grade levels. This summit will be fun, but it will also be rigorous. You can expect a good deal of reading and writing, and will also need to complete a required individual project.

Summit Title:	Homelessness in Seattle and Build a Tiny House
Faculty:	Herb Bergamini, Perry Thiesen and Ryan Griffiths
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th
Logistical Details:	
Summit Description:	This course will invite students to actively engage with the issue of homelessness, both by learning safe construction skills and techniques to build a tiny house and through daily reading, discussion, and reflection. The students will examine current issues of homelessness across various cities (with emphasis on Seattle), learn mathematically why the rental market is unsustainable for many renters, and research and brainstorm ways to help. There will also be guest speakers and service trips planned, to further connect students with existing resources in our community.
Questions, Skills& Objectives:	Learn construction site safety and power tool carpentry construction skills while constructing the Tiny Haus. Learn some financial literacy related to why housing costs are unsustainable. Engage with the topic of the unhoused and the systemic factors that lead to homelessness with a goal of developing compassion, empathy and humanity.
Other Things to Note	No overnight travel or pre-requisites. We are prepared to follow all accommodations on LSPs for participants. Students will need to dress for a construction site and be prepared to be on their feet for much of the day. Long pants & closed toe shoes are required.

Summit Title: JUST MONUMENTS: Why was this made and what do we do about it?

Faculty: Julia Freeman & Kate Boyd

Grade Levels: 6th
7th
8th
9th
10th
11th
12th

Logistical Details:

Summit Description:

Through an interdisciplinary exploration of monuments and memorials, students will have an understanding of the power of these genres, historically and in the present moment. Through the use of material exploration, research into the politics of location, and image generation, students will be able to "read" monuments and interpret them through a social justice lens. Students will be able to layer their learning process and visual creations into a culminating "Way Finding" installation (a JUST Monument) housed permanently in the school.

Questions, Skills& Objectives:

This is a research AND art class and we don't have any pre-requisites. Students should be interested in learning about fighting racism, sexism, colonialism, etc. through art.

Other Things to Note

Students should be prepared for a final art show at the end of our two weeks. There will be half day field trips; lots of walking; lots of group work and the final project will be a group research and making project; and we will be using our hands a lot to construct and make.

Summit Title:	The LandFillharmonic
Faculty:	Jo Nardolillo, Zach Humes, Ethan Sobotta
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th

Logistical Details:

Summit Description:

The LandFillharmonic ensemble will be designing, building, and performing on unique instruments created from discarded materials. The course is inspired by the Recycled Orchestra of Cateura, a Paraguayan group that plays instruments made entirely out of garbage. As a member of the NWS LandFillharmonic, you will study the physics of music, learn how instruments work, design your own instruments, and repurpose garbage to build the instruments. We will trace what happens to our garbage here in Seattle and explore access to music as a social justice issue. The Summit will culminate in composing and performing original music on our instruments.

Questions, Skills & Objectives:

Students will walk away with a basic understanding of the physics of sound and how each type of instrument creates sound. We will have a deeper knowledge of where things go when we throw them away. We will gain insight into access to music as a social justice issue and generate ideas about how to address challenges. We will get hands-on experience building and playing instruments, and we will gain understanding about how pieces of music are created by composing our own.

Other Things to Note

To join The LandFillharmonic you must have experience in playing instrumental music in an ensemble setting.

Summit Title:	Making Comics for the World We Want to Live In
Faculty:	Molly Mac, Curtis Hisayasu, Claire Cowie
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th

Logistical Details:**Summit Description:**

Are you a dedicated fan of comic books, graphic novels, webcomics, manga, or zines? Are you a seasoned fan of the form or just someone who would like to know more about this unique storytelling medium? Either way, we hope you will join us for “Creating Comics for the World We Want to Live In.” This project-based summit will immerse students in the craft of comic making, while introducing them to critical considerations of representation and ethics that are vital for creating meaningful and inclusive narratives. Over the course of our Summit, students will get the chance to learn vital components of a comic artist’s creative process and to meet Seattle comics creators who are using their art and writing to highlight the challenges of our contemporary moment. They will survey the wide range of contexts and social uses for comic storytelling, and they will get the chance to experiment with a number of different strategies for telling stories and building worlds of their own. They will also reckon with important lessons about the history of representation in comic book culture and grapple with large questions about what it means to represent others in art and writing. Ultimately, students will craft their own comics projects, while considering what role comics can play in building a more equitable, just, and sustainable future!

Questions, Skills& Objectives:

To introduce students to the process of planning, writing, designing, collaborating on, and creating comic narratives for a variety of different purposes and audiences. To guide students to critical reading practices that are attentive to issues of formal comic design, but also history and cultural politics. To empower students as active participants in the world of contemporary, socially-engaged comics that imagine new worlds and seek solutions to the problems of the present.

Other Things to Note

We will be taking some day-trips around Seattle to visit comics making sites and public art. Students will be expected to produce creative comics work (with a number of options) by the end of the summit. No particular artistic experience or talent required!

Summit Title: The Magic Circle: the Compelling World of Games

Faculty: Susan Fine, Jordan Rosin, Adam Ross

Grade Levels:
8th
9th
10th
11th
12th

Logistical Details:

Summit Description:

How deeply are we wired for play? And, more specifically, for games? When we play games, we enter into what game designers call “the magic circle,” an imagined space that differentiates the rules and world of a game from our everyday reality. This summit invites participants into that magic circle (or many of them), where each day we’ll play a variety of analog (non-computer based) games. Exploring everything from card games to crime games, word games, classic worldwide games, and theater games, students not only have opportunities to engage in active social play, but also to learn about game strategy, psychology, and history. The first week will be dedicated to trying as many different games as possible through a game smorgasbord! The second week allows students to choose an emphasis and take a deeper dive into a particular category of game. We are also hoping to bring in a game designer to share what it takes to create games. Throughout the summit, we’ll regularly engage in reflection and discussion to explore the ethics of game playing along with games’ relevance to inclusion, belonging, access, and community.

Questions, Skills& Objectives:

By the end of our two weeks, students will be able to (1) use new knowledge of the mechanics of bidding to play bridge (2) specialize in one or more other game types of their choosing, and perhaps teach a game to the rest of the class; (3) understand the rules and ethics of game playing and how they underpin both the fun and fairness of a game; (4) explore games they have not played before, both in our class meetings and through a field trip to a games store.

Other Things to Note

No special pre-requisites!

Summit Title:	The March Goes On: Civil Rights Past, Present and Future
Faculty:	Amina Loftin, Christian Stallworth, Kevin Alexander, Mike Moss, Rachel Fumia
Grade Levels:	10 th 11 th 12 th
Logistical Details:	Application required Overnight travel with hotel Estimated Fee: \$2400 Pre-Summit planning meetings required
Summit Description:	<p>We are in the midst of a civil rights movement. This summit takes you on a personal, racial, and historical journey through key moments and places of the Civil Rights Movement of the past to help you understand the present. Using the power of perspective and place, we will visit significant sites in the U.S. South. We will connect the events of the past to the current struggles for civil rights. We will meet with historians and activists who participated in earlier movements and those organizing today. After 10 days of travel, we will return to Seattle for personal reflection and examination of racial identity and civil rights locally and nationally. We will conclude this summit by developing a personalized plan to join in the ongoing movement for a just and equitable society.</p>
Questions, Skills& Objectives:	<p>1. How can I deepen and complicate my understanding of identity, race, resistance, place and struggle in the US? 2. How do we connect the historical Civil Rights Movement with the movements today in the South and Pacific Northwest? 3. Who am I in the active movement for civil rights and what is my role in the movement? 4. How can I improve faculty for cross-racial dialogue and ability to analyze systems of power and institutional racism? 5. How can I/We develop capacity to recognize and organize in response to social injustice?</p>
Other Things to Note	<p>Students need to complete an application available from trip leaders listed above. Application final due date is Dec 17th, 2021.</p> <p>2. Pre-summit meetings will include some meetings and trainings during the Interest Group flex time on Fridays. There will be some out-of-school events related to our pre-summit planning.</p> <p>3. Overnight travel will take place for 10 days during Summit time. Students must participate in pre and post travel days so must be available entire Summit period.</p> <p>4. All students must be fully vaccinated against COVID-19 to participate</p>

Summit Title:	Material Science & Engineering Summit
Faculty:	Olivia Heeter
Grade Levels:	11 th 12 th
Logistical Details:	
Summit Description:	<p>Have you ever been curious about the materials that surround you? Why do certain materials behave the way they do? What is going on at the atomic level that makes us use metals to pots and pans but not concrete? This summit will explore these questions and more! Material science simply studies solids and the different properties these solids have so that we can use them in our everyday lives. We will start with an introduction to material science and then spend time learning about metals, ceramics, glass, polymers, and composites. We view and model these materials through an atomic lens but also with a macroscopic lens examining how these materials are made and what that manufacturing means in terms of environmental and human health. There is a heavy, hands-on lab approach to this summit where we will be doing 1 or 2 labs a day. This will be a fast-paced, quick introduction to the field of material science! Because this summit will rely heavily on atomic structure, bonding principles, stoichiometry, and chemical reactions and involve high level labs, only juniors and seniors may take this summit.</p>
Questions, Skills& Objectives:	<p>After taking this summit, students will be able to:</p> <ul style="list-style-type: none">• study different classes of solid materials that are used in engineering and design,• describe and measure the behavior of these materials both qualitatively and quantitatively• evaluate the methods engineers and scientists use to change properties of materials• describe the ways in which the properties dictate their use of the material in a variety of applications.
Other Things to Note	<p>Because this summit will rely heavily on atomic structure, bonding principles, stoichiometry, and chemical reactions and involve high level labs, only juniors and seniors may take this summit.</p>

Summit Title:	Radically Me
Faculty:	Harumi LaDuke, Samantha Lee, Maiensy Sanchez
Grade Levels:	10 th 11 th 12 th

Logistical Details:**Summit Description:**

Have you ever felt unsure about what to think or do? Do you wish you had a reliable compass of your own to help figure out the next right step? Are you curious about how you can step into your own power and shed fear? Do you know how to recognize and prevent negative societal messages from shaping the way you view yourself and move through the world? In this Summit, you will explore a variety of practices from different cultural contexts, both modern and ancient, that allow you to listen to your own intuition. You will learn to recognize and release society's influences so that you can more fully experience your true self. This course is about your individual journey. Participants must be willing to dive deep and confront their own fears and self-judgment in order to move towards radical self-acceptance. Though there is no one right way to do this work, this Summit offers a sampler of proven techniques that can empower you to center yourself in times of stress, have more certainty as you make decisions big and small, and be better advocate for yourself and your values. Through earnest exploration of self, discussion, writing, movement (dress comfortably!), and meeting a variety of people and specialists in their field, you will learn how to live with a more genuine understanding of who you are. Join this opportunity to chart your own path towards a more expansive, liberated life. (Radical derives from radix: "going to the root or origin")

Questions, Skills& Objectives:

1. Learn multiple techniques for listening to your intuition. 2. Learn through ancient and modern techniques to recognize and release societal conditioning. 3. Acquire and/or develop awareness around self-compassion, self-forgiveness, and self-acceptance.

Other Things to Note

No overnight travel or pre-requisites. Student should be aware that this is NOT a Summit about mindfulness or meditation. Rather, it requires students to actively engage in self-exploration and self-awareness.

<p>Summit Title: Robotics and Ethics</p> <p>Faculty: Zach Groshell & Jeremy Scheuer</p> <p>Grade Levels: 6th 7th</p> <p>Logistical Details:</p>
<p>Summit Description: Making robots out of LEGO Mindstorms is a fun entry point into the exciting world of robotics. This Summit consists of a series of design challenges that require students to prototype and test their LEGO creations in a collaborative setting. Along the way, students will engage in film and discussion around contemporary trends and ethical considerations surrounding the design of robots.</p> <p>Questions, Skills& Objectives: By the end of our two weeks, students will be able to... Describe the steps of the design cycle: Empathize, Define, Ideate, Prototype, Test Use the design cycle to prototype and test LEGO Mindstorms robots Describe three ethical considerations surrounding robotics</p> <p>Other Things to Note This is a hands-on Summit with some discussion and writing components. Open to 6th and 7th grade students who are new to robotics.</p>
<p>Summit Title: Science Fiction, Science Film</p> <p>Faculty: Clare Prowse, Isaac Meyer</p> <p>Grade Levels: 9th 10th 11th 12th</p> <p>Logistical Details:</p>
<p>Summit Description: Students who take part in this summit will learn to critically view how media portrays science as a phenomenon. How the process of science is anywhere along the spectrum of magical, unknown and mysterious to logical and infallible. This will challenge how they think about science and its place in explaining the world around it and how easy it can be used to create misinformation and misconception. We also look at how science fiction is used to explore societal questions around humanity, community and society. Some of the areas of science we will cover are: Genetic Engineering, AI , Environment and Space Travel.</p> <p>Questions, Skills& Objectives: •Critical analysis of media•The difference between science fiction and science fact•Use of science fiction to explore the future</p> <p>Other Things to Note Parental permission forms will be required for students under 17 years of age because this Summit will interact with films with MPAA Ratings above PG-13</p>

Summit Title:	Rock Climbing
Faculty:	Malia Taggart, Reid Koss and Maddy Huggins
Grade Levels:	8 th 9 th 10 th 11 th 12 th
Logistical Details:	Overnight Camping trip Fee Required: \$300 Pre-Summit gear-check meeting required Additional permission and liability waivers required
Summit Description:	
<p>Join us to learn fundamental indoor and outdoor climbing and belaying skills. We'll spend our first week learning safety skills for climbing both indoors and outdoors before practicing them at Seattle area climbing gyms. We'll discuss the environmental impacts of climbing as a sport, as well as racial and socioeconomic barriers to accessing and inclusion within climbing spaces. As we wrap up the first week, we'll turn our attention to the following week's outdoor climbing trip. Students will learn how to find outdoor climbing routes, we'll plan our meals, make a shopping list, practice setting up tents, and we'll climb outside near Seattle to practice our belaying skills. For our second week, we'll head to Bend, Oregon for four days to climb outside at Smith Rock. In Bend, we'll camp out for three nights and learn basic outdoor principles and skills. This trip is open to students in grades eight and above, at all levels of climbing experience -- total beginners are welcome!</p>	
Questions, Skills& Objectives:	
<p>Students will learn how to climb and top rope belay, research a climbing area and identify routes, will learn protocols to minimize risk when climbing in an outdoor environment, and learn about racial and socioeconomic barriers to accessing and inclusion within climbing spaces</p>	
Other Things to Note	
<p>Overnight the second week at Smith Rock, we will leave Monday and return Thursday. We will be camping for 3 nights in a campsite. You can't miss any week day of summits, non negotiable.</p>	

Summit Title:	SENSational Self-Care: Strategies for wellness using the 5 senses
Faculty:	Erin Keeton-Howard, Maya Soto
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th
Logistical Details:	
Summit Description:	Stressed? Anxious? Overloaded? Join us as we explore ways to take care of yourself utilizing all 5 senses. We will engage our senses in movement, creativity, mindfulness, nature, art, music, and relaxation during our time together. During the summit you will reflect and assess your current level of balance and coping skills. At the end of the summit you will have your very own self care plan and strategies for maintaining your best self.
Questions, Skills& Objectives:	1. Recognize their boundaries for wellness (sleep/nutrition/stress/time management) 2. Identify strategies to mitigate stressors 3. Reflect on what balance looks like in their life and create a plan to bridge the gap
Other Things to Note	n/a

Summit Title:	S(h)elf Discovery: Disruption in the Library
Faculty:	Jenna Gareis, Mercy Hume, Alicia Kalan
Grade Levels:	6 th 7 th 8 th 9 th 10 th 11 th 12 th

Logistical Details:**Summit Description:**

Reading isn't a solo experience; it's a conversation. Open a book and magic happens as we discover something about ourselves and the world. But finding windows of understanding isn't always comfortable. The commercial publishing industry has a long history of publishing books that reflect specific experiences and environment while silencing others. Ready to disrupt and discover in the library? In this Summit we will examine why there is a lack of representation in the Young Adult publishing industry, how books are marketed and why certain books resonate with us while others fall flat. We will speak with industry insiders, write a Reading Autobiography and reviews to share with our community, and spend a significant amount of time reading daily.

Questions, Skills& Objectives:

Develop reflective reading skills, build self awareness and awareness around social identifiers, and learn how to be an advocate for diverse voices in the publishing industry.

Other Things to Note

N/A

Summit Title:	Songwriting and Recording
Faculty:	Chris Pesce, Clarke Reid, Steven Wilbur
Grade Levels:	9 th 10 th 11 th 12 th

Logistical Details:**Summit Description:**

Songwriting is a craft and a profession, and it's also a fun way to share your ideas and creativity. Great songs can make the world a better place. In Week 1, we will look at the approach songwriters take to writing, how to write melodies, how to write lyrics, and how to put melody and lyrics together. We will look at songwriting from the point of view of different cultures and different lived experiences. In Week 2, we will learn basic production and recording techniques. At the end of the summit, you will have recorded one of your songs using a Digital Audio Workstation (DAW).

Questions, Skills& Objectives:

By the end of our two weeks students will understand more about cultural and social facets of songwriting and how to record their own musical ideas. They will be able to write a song from scratch, give and receive feedback, and produce a recorded track.

Other Things to Note

We will be creating every day and sharing some of our work with peers for feedback.

Summit Title:	Urban Agriculture and Sustainability
Faculty:	Elvin Jones, Shivani Vakharia, Erik Szabados
Grade Levels:	6 th 7 th 8 th 9 th 10 th

Logistical Details:

Summit Description:

Where does our food come from? What are the social and environmental impacts of our food system? This Summit will use the NWS farm/garden as a space to learn skills in urban agriculture and gain a deeper understanding of our food system through a social justice lens. We will split our time between working in this ever-evolving space and volunteering at Seattle organizations focused on food justice and urban agriculture. Our hands-on work will ground deeper discussions and learning about food justice, environmental justice, and the connections between race, class, land use history, soil contamination, food access, and health. Our work at NWS will include amending soil, planting spring and summer crops, tending to compost, and working on other independent and team projects. Each student will be expected to develop and carry out a small group or independent project related to the farm/garden. This could be an art project, construction project, hydroponic system, wind or solar powered scarecrow sculpture, planting project, or anything else that is educational, feasible, and builds community within the farm/garden.

Questions, Skills& Objectives:

Students will learn: Systems thinking, Teamwork, Techniques for growing organic food in cities, Organic pest management, Soil rotation, Crop planning

Other Things to Note

No experience in gardening or agriculture needed, but this Summit includes physical work everyday, rain or shine. Please be excited to get dirty, work hard, and have loads of fun.

Proper clothing and footwear to work outdoors in with tools required.