Adventures in Learning (AiL), a program of the Center for Learning in Action (CLiA) at Williams College, offers a variety of after-school courses for students grades 1-6 every January.

Volunteer instructors are Williams College students, staff, and/or members of the WES community. They design their courses, are eager to teach, and enjoy working with children. They also all pass a CORI check before the classes begin. Serving as daily supervisors will be AiL coordinator Melody Fisher and program assistant Alexia Barandiaran, as well as WES teacher Dawn Stewart and WES outreach coordinator for CLiA Geraldine Shen.

Classes meet once a week for up to four weeks JANUARY 3-25.

Classes meet from 3-5pm, EXCEPT Wednesday classes which meet from 1:30-3:30 pm.

All students meet in the cafeteria at the end of the school day for a snack, which students must provide themselves. Dismissal also happens in the cafeteria.

FEE: $30 per course (due after confirmation of classes)
Scholarship aid available thanks to the WES PTO. Please contact Principal Joelle Brookner; all inquiries are confidential.

You must register online by Friday, December 14 at 5PM at

adventuresinlearning.williams.edu

*registration forms available at the front office at WES if you do not have online access*

Registering means committing to attending & paying for an AiL class!

Please submit a separate registration for each child. If a course is over-enrolled, students will be selected by lottery. Including alternate choices whenever possible will increase chances of being placed in a class. Our goal is to provide each child the opportunity to take 1 AiL course at a minimum.

Look for an email confirmation of your child’s course(s) around 12/20.

NOTES:
- Exceptions can occasionally be made to age groups. Please contact Melody!
- Yes, 6th graders can participate in the musical and take an AiL class (Ms.Reali encourages this!)
- Please contact AiL coordinator Melody with any questions (mbf1@williams.edu/ 413-663-4741)
# ADVENTURES IN LEARNING 2019
## SUMMARY OF COURSE OFFERINGS

**PLEASE NOTE:**
There are THREE- AND FOUR-WEEK COURSES.

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TUESDAY

All About Water!
Instructors: Austin Anderson and Isabelle Furman, a Williams College senior and junior. Both are returning AiL instructors.
Grades: 4-6
Three weeks: January 8, 15, and 22 only
Class Size Max: 10

Water is all around us, and you know less about it than you may think! In this class, we'll learn about why water is the most amazing, mysterious, essential substance in the world. We'll do super cool science tricks to explore water’s unique abilities, study underwater ecosystems, learn about how people celebrate and care for water, and find out how the water in the sinks at WES got there. Along the way, we’ll make art, play games, and have fun learning more about our watery world and our watery selves (after all, our bodies are 60% water!).

In the Lab: Exercise Science
Instructors: Steve Swoap and Williams College students. Steve is a professor of Biology at Williams College, teaching along with his winter study class.
Grades: 5-6
Three weeks: January 8, 15, and 22 only
Class Size Max: 10

Join in on lab activities exploring exercise science at the Williams College science labs! College students will guide investigations of the lever systems within your body, reveal what your body looks like through a thermal-imaging camera, explore the functioning of the heart muscle during exercise, and lead a dissection activity, among others. Grab your beaker and a Bunsen burner, it’s time for some science!

WEDNESDAY

Games and Legos!
Instructors: Lead instructor Steve Miller is a Williams College professor of mathematics and a long-time teacher with AiL. Steve will be assisted by co-instructors Cameron Miller and Kayla Miller.
Grade: 1-2
Three weeks: January 9, 16, and 23 only
Class Size Max: 10

Come and learn the math behind some classic games, such as tic-tac-toe, and see how they can be extended in interesting ways! Learn strategies to beat family members at these games, or just share the fun with them. We will also use Legos to build some games and fun structures, and we might try to test ourselves with a lego speed build record attempt!
Creating a Story:
Imagination, Cultivation, and Presentation
Instructors: Nicholas Servedio and Grace Dailey, Williams College first-years.

Grades: 3-4  Three weeks: January 9, 16, and 23  Class Size Max: 10

Would you like a chance to hear some great stories, and work on writing a story of your own? Stories are a great way to let your imagination loose! In this class, we'll listen to lots of great stories, think about how good stories are built, and do some exercises to get our storytelling juices flowing! We will focus both on reading and writing stories, with plenty of opportunity for kids to choose their own stories and subjects. Come write with us!

How to Make a Newspaper!
Instructors: Rachel Scharf, Jane Petersen, Rebecca Tauber, Haeon Yoon, Sam Wolf, Charles Xu, RB Smith, and Danny Jin, Williams students and all editors at the Williams Record.

Grade: 3-5  Three weeks: January 9, 16, and 23  Class Size Max: 12

In this class, editors from The Williams Record will teach students how to make a newspaper! We'll go over how article ideas are chosen and how journalism works, and then students will get the chance to write their own articles. At the end of the month, we'll put all the articles together and make a real newspaper for you to take home!

Mathemagic!
Instructors: Megan Siedman and Oliver Yang, Williams College juniors. Megan is a returning AiL instructor.

Grades: 5-6  Three weeks: January 9, 16, and 23  Class Size Max: 10

Do you like numbers, shape, games, or riddles? What about acting things out, drawing, and building? In this class you'll get to explore fun and exciting math through hands-on riddles, games, and interesting story problems. We'll shake some hands, cross some rivers, cross some bridges, play duck duck goose, and count rabbits. We'll think about the way people talk about math on TV and movies and music. We'll talk about the mathematicians that we know and learn about mathematicians that we don't know. And it will be magic.
Arts/Tools!
**Instructors:** Libbie Pike, WES parent and artist, assisted by Mei Liang and Heidi Leeds, Williams students. Mei is a returning AiL instructor.
**Grades:** 5-6
**Three weeks:** January 9, 16, and 23
**Class Size Max:** 10

Would you like to unleash some power on your artwork? Leave the oil paints behind and learn to use tools like saws, drills, and planes. Then set them loose them on your art and see what your new power can create! Students will learn the safe use of several tools, and have time to experiment creatively with their new ideas.

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**Kids’ Hip-Hop, Ballet, and Jazz Dance!**
**Instructors:** Elle Fietsam and Micaela Foreman, Williams College first-years.
**Grades:** 1-3
**Four weeks:** January 3, 10, 17, and 24
**Class Size Max:** 10

Would you like to try out a few different dance styles and learn some steps? With this class, you can learn hip-hop, ballet and jazz dance techniques! You’ll also learn how to make up your own dance moves and be creative with moving your body as you improvise! We will learn small combinations of dance choreography, and maybe work with you to come up with some of your own moves to try out.

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**Creepy, Crawly Critters**
**Instructor:** Reuben Kaufman, Williams College senior.
**Grades:** 2-3
**Four weeks:** January 3, 10, 17, and 24
**Class Size Max:** 8

Do you ever find yourself wondering what makes a beetle a beetle? A moth a moth? A butterfly a butterfly? Who the strongest bug is? How bees and ants know how to work so well with their hives? Come joins us as we learn about and look at pictures, videos, and art of some of the world’s most interesting and beautiful creepy-crawlies! With all this bug-related knowledge and inspiration, arts and crafts are sure to follow!
**Immigration: Mapping our Journeys**

**Instructors:** Sara Paulsen and Emma Lezberg, Williams College sophomore and junior.

**Grades:** 2-4

**Four weeks: January 3, 10, 17, and 24**

**Class Size Max:** 12

Take a journey with us as we explore the stories of our own migrations. We will consider how we move, why we move, and how we can help others make the most of their journeys. We’ll use empathy to consider what others’ experiences of immigration might have been like. Through storytelling, art, and lots of fun activities, we will express what immigration means to us!

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**Woodworking -- Thursday**

**Instructors:** David Morrison, assisted by Williams students Aniah Price, Abraham Park, Alan Lin, and Gavin McGough. David works as a carpenter for Williams College for 15 years and has 27 years of experience. He has experience teaching woodworking at the local pre-school.

**Grades:** 3-4

**Three weeks: January 10, 17, and 24 only**

**Class Size Max:** 8

Children will learn some basic carpentry skills and have hands-on assembly of some simple projects. With proper supervision, children will learn how to use tools like a drill, hammer, hand saw, and tape measure. I will have strict rules in place before any of these tools are used. Don’t be scared, parents! I have assisted 5-year-olds in the use of a screw gun. Join us and learn how to build your own birdhouse, toolbox, and some creative projects of your own!

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**Play the Marimba!**

**Instructors:** Williams College students Erin Cohn & Zambezi band members, along with Tendai Muparutsa, faculty artist-in-residence.

**Grades:** 5-6

**Four weeks: January 3, 10, 17, and 24**

**Class Size Max:** 8

Do you want to play songs on unique African instruments? In the Zimbabwean Marimba Workshop, members of the Zambezi Marimba Band at Williams College will instruct participants in playing music on our marimbas! We will learn about the songs we play and perform these songs at the end of January for your parents/guardians. Prior musical experience is helpful and will enrich the learning experience.
**FRIDAY**

**Yoga for Kids**

**Instructors:** Lexi Cooper, Rosie Sokoll, Catherine Powell, and Liz Ostermeyer, Williams College first-years. Advised by Amy Sosne, a licensed physician and Williams alumna who owns Smalltown Yoga on Spring Street.

**Grades:** 1-2  
**Four weeks:** January 4, 11, 18, and 25  
**Class Size Max:** 10  

Curious about yoga? This class will be fun for all levels as we play some games and learn some exercises and short meditations to learn effective ways of calming and relaxing ourselves in any situation. We'll move to music, play together, and have a lot of fun!

**Minecraft: Playing and Building Together in Virtual Worlds**

**Instructors:** Emily and Matthew Baya, WES parents.

**Grades:** 1-3  
**Four weeks:** January 4, 11, 18, and 25  
**Class Size Max:** 20  

Join us as we explore, create, build and adventure in together using the popular computer game Minecraft. Each week we'll have different challenges and Minecraft experts (usually other kids but sometimes the organizers) will be on hand to help you learn various Minecraft skills like how to craft items, tame virtual animals, power creations with redstone, create (virtual) fireworks and much more. Together we will build houses, villages, castles, rollercoasters, zoos and any thing else you can think of. Everyone will play together in the same virtual world on our own Minecraft servers and we will be learning and practicing teamwork and cooperation, no "griefing" allowed. No prior Minecraft experience necessary!

**Woodworking -- Friday**

**Instructors:** David Morrison, assisted by Williams students Aniah Price, Abraham Park, Alan Lin, and Gavin McGough. David works as a carpenter for Williams College for 15 years and has 27 years of experience. He has experience teaching woodworking at the local pre-school.

**Grades:** 3-4  
**Four weeks:** January 4, 11, 18, and 25  
**Class Size Max:** 8  

Children will learn some basic carpentry skills and have hands-on assembly of some simple projects. With proper supervision, children will learn how to use tools like a drill, hammer, hand saw, and tape measure. I will have strict rules in place before any of these tools are used. Don’t be scared, parents! I have assisted 5-year-olds in the use of a screw gun. Join us and learn how to build your own birdhouse, toolbox, and some creative projects of your own!
Art in the Community

Instructors: Melody Fisher (AiL Coordinator), with community artists Amrita Lash, Ghetta Hirsch, and Zoe Doucette.

Grades: 3-5  Four weeks: January 4, 11, 18, and 25  Class Size Max: 8

In the Berkshires we’re surrounded by art. Let's meet some of the artists who are making it! With this class, you'll meet different artists each week, learn about their artwork, and get creative with a guided art activity in their studio. We'll end with a visit to Williams College Museum of Art (WCMA), where we see how art is chosen, prepared, and shown to a wider audience! If you are curious, enjoy looking at art, and love making things, this is the class for you!

The Math of Lego Bricks

Instructors: Steve Miller and Williams students. Steve is a professor of mathematics at Williams College, teaching the course along with his Winter Study students.

Grades: 4-6  Four weeks: January 4, 11, 18, and 25  Class Size Max: 14

Legos are awesome! We’ll use Lego bricks to talk about a lot of fun math games and puzzles, explore some Lego-building challenges, and build with the Math 12 Lego Winter Study students from Williams College. If there is interest, we may try a lego speed-build attempt!
Expected Behavior for AiL

AiL classes are taught by volunteers. By making sure our kids follow the regular-day school behavior expectations, we make sure these teachers can focus only on getting busy and creative with students!

All students are expected to:

· Follow instructions;
· Keep hands and feet to oneself;
· Show kindness and respect to instructors and fellow students;
· Use school equipment and property only as instructed;
· No wandering or running around the school;
· Stay with class group until dismissed.

Consequences for Misbehavior include:

· Three verbal warnings by the teacher;
· On the third warning, the student will have a time-out with program director and the parent will be contacted;
· On the next verbal warning the student will meet with Ms. Brookner and the parent will be contacted;
· Any further misbehavior will result in removal from the program with no refund in fees.

Please review these expectations carefully with your child before Adventures in Learning begins.

Thank you for helping us create an environment for Adventures in Learning that is fun, safe, and exciting for everyone involved!