

LOOKING FOR  
A CHALLENGE  
THAT IS  
**WORTHY  
OF YOUR  
POTENTIAL?**

 **Precollege and Youth Programs**  
UNIVERSITY OF WISCONSIN-MADISON

LEARN MORE AND APPLY: [WCATY.WISC.EDU](http://WCATY.WISC.EDU)

# ACCEPT THE CHALLENGE: GEEK OUT AT UW-MADISON

WHO: Academically advanced students currently in grades 1-12  
WHAT: Summer precollege programs at UW-Madison  
HOW TO CHOOSE YOUR CLASS: Visit [wcaty.wisc.edu](http://wcaty.wisc.edu) to select from more than 50 class options for summer 2020.

## WHY YOU? WHY NOW?

Pick your passion. Each class focuses on a single subject.  
Get to know UW-Madison. Explore, learn, and live at a top-ranked university.  
Challenge yourself. Grow in your area of academic interest.  
Form lasting friendships. Socialize with like-minded kids from around the world.

*Scholarships are available for all programs. Join us!*

## OUR PROGRAMS



gem

ROWING  
EARLY MINDS

Full- and half-day  
exploration program for  
students in grades 1-4



PRECOLLEGE  
ACADEMIC  
CAMPUS  
EXPERIENCE

Academic day camp for  
students in grades 5-8



SUMMER  
TRANSITIONAL  
ENRICHMENT  
PROGRAM

Two-week residential  
camp for students in  
grades 7-8



ACCELERATED  
LEARNING  
PROGRAM

Intense three-week  
residential camp for  
students in grades 9-12



WCATY  
Wisconsin Center for  
Academically Talented Youth  
UNIVERSITY OF WISCONSIN-MADISON

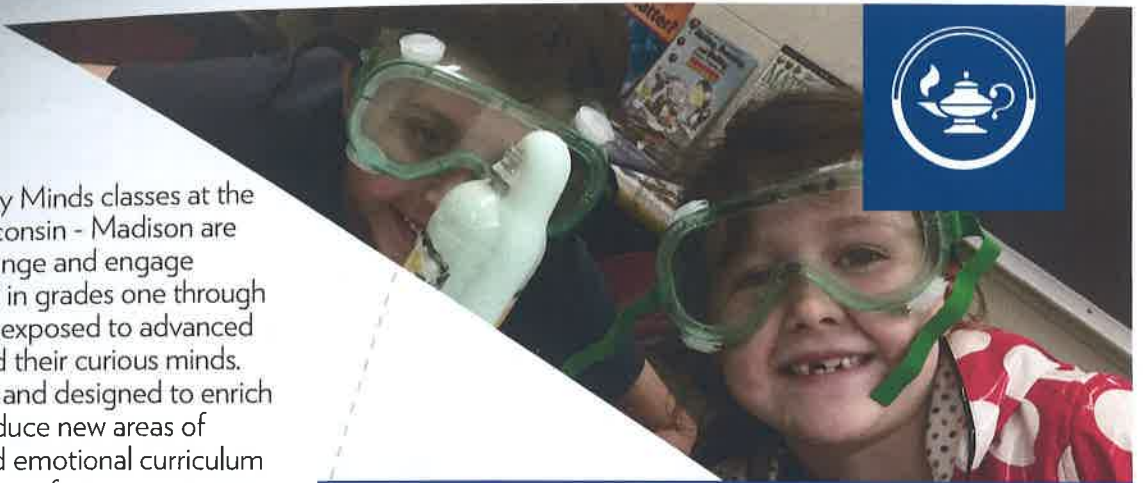
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The Growing Early Minds classes at the University of Wisconsin - Madison are designed to challenge and engage advanced learners in grades one through four. Students are exposed to advanced concepts that feed their curious minds. Each class is small and designed to enrich learning and introduce new areas of interest. Social and emotional curriculum components focus on fostering autonomy, encouraging development of growth mindset, and effective collaboration skills.



## Attend GEM

### Winter Session:

Five-Week Saturday Program  
 February 1, 8, 15, 22 & 29, 2020  
 Program Runs: 9:00 - 11:30 am  
 Registration Opens: October 21, 2020  
 App Fee: \$30 Tuition: \$270  
 \*Financial Aid Available

## Sign Up for Winter GEM:

### Grade 1

Secret Agents

### Grade 2-3

Mystery Detectives

### Grade 2-4

Noes to Toes: Intro to Human Anatomy

Thinking and Tinkering: Exploring Engineering

\*Many additional class selections will be available for **Summer GEM 2020** so be sure to check our website below!

Winter Registration Deadline: **January 17, 2020**

Register Online at: [wcaty.wisc.edu/gem](http://wcaty.wisc.edu/gem)

More Info At:

**[wcaty.wisc.edu](http://wcaty.wisc.edu)**

Wisconsin Center for Academically Talented Youth

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# Pick A Class

## Secret Agents Grade 1

Winter Saturdays Session: February 1- February 29, 2020

This multidisciplinary course, specifically designed for first grade students, will help students become "secret agents" by using skills they are familiar with such as math, literacy, and of course, science! Through the use of teamwork and problem-solving skills, students will come up with mysteries and secret ways to communicate. Not only will you solve mysteries in this class, you will get to create one as well! Questions we will dive into include: How are fingerprints used to solve crimes? How can we communicate using secret agent messages and codes? What exactly *is* a secret agent? If you geek out about invisible ink, learning about new places, and solving puzzles, this class is for you! Your secret agent training awaits...

## Mystery Detectives: Intro to Forensic Science Grades 2-3

Winter Saturdays Session: February 1- February 29, 2020

Do you love a good mystery? Are you interested in finding out more about how forensic science helps us solve mysteries? If so, this is the class for you! Intro to Forensic Science is an interdisciplinary class that builds upon the skills explored in our very popular Secret Agents class, and takes them to the next level. Students will utilize their powers of observation to investigate scenarios, find clues and collect evidence, all while harnessing their critical thinking and problem solving abilities to reach logical conclusions. Forensic science techniques used in the field will be introduced and students will have a chance to enhance their collaboration skills as they work out a solution as a part of a team.

## Thinking and Tinkering:

### Exploring Engineering Grades 2-4 *\*Back by popular demand!*

Winter Saturdays Session: February 1- February 29, 2020

How do you overcome challenges? Through creative problem solving and thinking, engineers explore how to overcome challenges in our daily lives. This class will spark your curiosity about everyday engineering concepts and ideas. Through critical and creative problem solving, you will build models, test structures, and come up with your own solutions to design challenges. You will change hats each week and become a mechanical engineer, electrical engineer, chemical engineer, and an architect. If you love to build structures just to break them apart again, are constantly thinking about ways to make your toys work better, or get excited about building the tallest or strongest tower, this class is for you!

## Noes to Toes: Intro to Human Anatomy Grades 2-4 *\*New!*

Winter Saturdays Session: February 1- February 29, 2020

It is time to examine the field of human anatomy and physiology! This class will introduce students to the major systems of the body through interactive and engaging activities. They will not only learn how the inner body looks, but how it works. Students will explore the muscular, skeletal, nervous, digestive, respiratory, and immune systems through building models and conducting experiments. If you love to learn about broken bones, find eyeballs fascinating, or are curious about how your body fixes itself, this class is for you!

More info at: [wcaty.wisc.edu](http://wcaty.wisc.edu)

*\*\*Class availability may be subject to change based on the level of enrollment in a particular class\*\**

