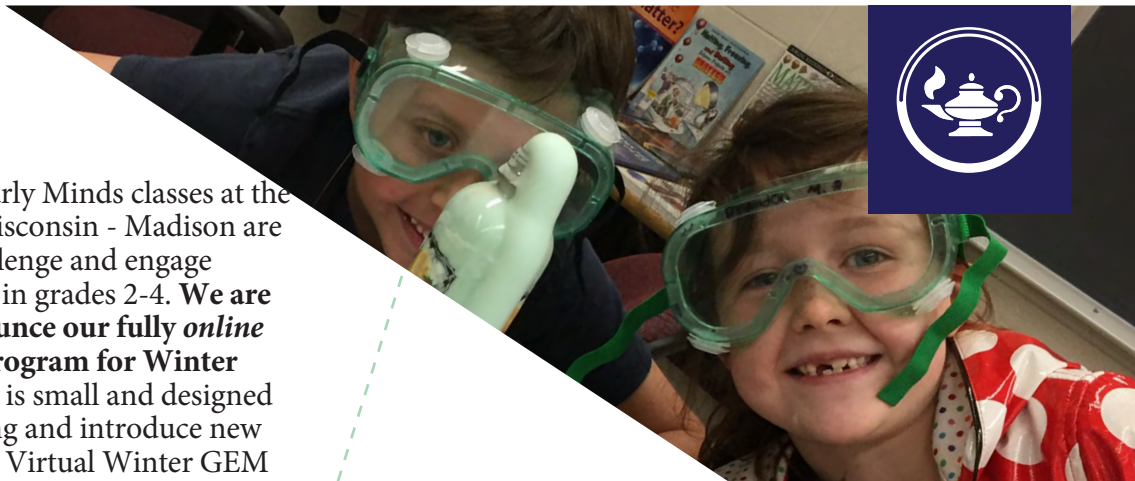




The Growing Early Minds classes at the University of Wisconsin - Madison are designed to challenge and engage curious learners in grades 2-4. **We are excited to announce our fully online Virtual GEM Program for Winter 2021!** Each class is small and designed to enrich learning and introduce new areas of interest. Virtual Winter GEM will feature a synchronous learning block each Saturday session, as well as asynchronous extension activities.



Attend GEM

Winter Session:

Five-Week Saturday Program
 February 6 - March 6, 2021
 Synchronous Meeting: 9:00-10:30 am, CST
 Registration Opens: October 12, 2020
 Tuition: \$200
 *Limited Financial Aid Available

Sign Up for VIRTUAL Winter GEM:

Grades 2-3

Mystery Detectives: Intro to Forensic Science

Thinking and Tinkering: Exploring Engineering

Grades 2-4

Inside Out/UpSide Down: Intro to Psychology

Grades 3-4

Adventures in Coding

Creative Writing

*Additional online class selections will be available for **Summer GEM 2021** so be sure to check our website below!

Registration Deadline: January 22, 2021

Register Online at: wcaty.wisc.edu/gem

More Info At:

wcaty.wisc.edu

Wisconsin Center for Academically Talented Youth

Division of Continuing Studies, 21 N Park St., 7th Floor, Madison, WI, 53715
 | Phone: (608) 890-3260 | wcaty@wisc.edu



Badger Precollege
 UNIVERSITY OF WISCONSIN-MADISON



Pick A Class

Mystery Detectives: Intro to Forensic Science Grades 2-3

Winter Saturdays Session: February 6- March 6, 2021

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 consider evidence, all while harnessing their critical thinking and problem solving abilities to reach logical conclusions.

Thinking & Tinkering: Exploring Engineering Grades 2-3

Winter Saturday Session: Session: February 6-March 6, 2021

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!

Inside Out/Upside Down: Intro to Psychology Grades 2-4

Winter Saturdays Session: February 6-March 6, 2021

This class will introduce students to the world of psychology using the popular Disney Pixar film, "Inside Out", as a base for exploring emotions, actions, and memories. This film looks at the cause and impact of emotions through five characters: Sadness, Anger, Joy, Disgust, and Fear. Each class will be based on one of these characters - exploring the emotion from a variety of psychological perspectives, including classical, operant, cultural/social, neurological/physiological, and briefly, the perspective of abnormal psychology. If you geek out about dreams, wonder why some of your emotions are so strong, or want to better understand how your brain works, this class is for you!

Adventures in Coding Grades 3-4

Winter Saturdays Session: February 6-March 6, 2021

This class will spark your curiosity about the connections between math, computer coding and programming. Through critical reasoning and creative problem solving, you will learn how to boss around a computer using concepts like scripts, variables, and strings. If you geek out about video games, computers, equations, or even different mathematical languages, this class is for you! *Adventures in Coding has been designed for 3rd and 4th grade students with an aptitude for mathematics and a high level of interest in computer programming and coding. This course is considered to be an academic challenge for students working at or above grade levels in these content areas.

Creative Writing Grades 3-4 *New!

Winter Saturdays Session: February 6-March 6, 2021

Do you like to share stories? Are you passionate about poems? Do you noodle your novel on rainy days? If you answered yes, then this class is for you! Together we will explore many of the ways that words can express our imaginations and our ideas. Through exercises, reading, feedback from classmates and instructors, and other exploratory activities, we will grow as writers together in this class. If you want to express your voice through the written word, share with other writers, and bring your thoughts to life through written and spoken word, then grab your pencil, warm up your typing fingers, practice your best read aloud voice, and join us online this winter!

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