



GRADE: 8  
SESSIONS: SUMMER  
FORMAT: 1-WEEK COMMUTER

# A Challenge Worthy of Your Potential

- Program Dates: July 20th- July 24th
- Day camp with 25 hours of instructional time
- For Greater Dane County students finishing 8th grade
- Online Application: February 20 - April 10
- *School recommendation required*

## What is STEPx?

**Become A Chemist | Business Minded  
Creative Writing, Bringing Words to Life |  
Puzzles and Codes | The UN, Negotiation,  
Law, and International Politics**

### Fees & Payment Info:

**Application fee: \$75**

**Tuition: \$425**

### Application Deadline:

**April 10, 2015**



STEPx gives current 8th grade students in the Greater Dane County community an opportunity to explore their current interests and passions with like-minded peers. Students will spend one week taking one accelerated course designed specifically for advanced learners on the UW-Madison campus. STEPx is designed to engage, intellectually challenge, and inspire young minds. If you have been recommended for another gifted and talented program at UW, that recommendation will be sufficient.



**FOR MORE INFORMATION VISIT: [WWW.WCATY.WISC.EDU](http://WWW.WCATY.WISC.EDU)**

Or **Contact Us** at:

WCATY - University of Wisconsin-Madison  
[wcaty@education.wisc.edu](mailto:wcaty@education.wisc.edu) | 608-890-3260  
Suite 264 Teacher Education Bldg  
225 N. Mills Street, Madison, WI 53706

# COURSE DESCRIPTIONS

## BECOME A CHEMIST

If you keep your ``ion`` the experiment you will become a chemist! Through hands-on, inquiry-based laboratory and other classroom activities, you will be introduced to chemistry concepts, learn to make observations, formulate hypotheses, and plan and execute experiments to test those hypotheses. Through engaging discussions about current events and research, you will understand the chemistry taking place around you. You will be introduced to introductory chemistry topics such as the building blocks of matter, chemical and physical changes, and energy transfer, as well as dive into more challenging topics.

## BUSINESS MINDED

Do you think it would be great to run your own business? Do you see yourself in a decision making role? This class will make you test your ``entrepreneurial`` logic and apply it to the curious questions you have. You will explore basic business principles and apply them to your everyday decision making. You will engage in group simulations, games, and interactive experiments in order to learn how to think and make decisions like an entrepreneur.

## THE UN, NEGOTIATION, LAW, AND INTERNATIONAL POLITICS

Mastering the art of negotiation is a crucial part of leadership at any level. ``A negotiator should observe everything. You must be part Sherlock Holmes, part Sigmund Freud,`` stated Victor Kiam. Examining the strategies used to negotiate issues, and how laws impact conflict management, will take you closer to becoming a master negotiator. Your skills will be put to the test as you negotiate a global issue fighting for your country`s best interest. If you want to expand the use of spoken and written language and develop a critical ear to analyze influences on them, this class is for you.

## CREATIVE WRITING, BRINGING WORDS TO LIFE

In this course you will get a chance to explore your creative side and discover what it takes to become a compelling writer. Be prepared to act and feel like a writer, and explore the creative outlet of writing through highlight of your daily experience. We will be looking for inspiration in the mornings and laying down ideas in the afternoon. If you are an avid reader, are serious about improving your skills, and prepare for high school writing, this class is for you.

## PUZZLES AND CODES

What do transposition, ROT1, Caesar`s Shift, and monoalphabetic substitution all have in common? How can a matrix help you solve a logic puzzle? Do you know any cruciverbalists? If you could spend hours searching for a solution, if creating a truly difficult puzzle seems appealing, or if you would be honored to be called the greatest puzzler in your class, then this challenge could be in your destiny. Come join a Puzzling Society where you learn the master craft of puzzle making.



## FOR ADDITIONAL INFORMATION

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