

# Honors Chemistry

starts **Fall 2018** at Xilin NW Chinese School

- ❖ *Do you have a gifted child who can be future Science Olympiads candidate?*
- ❖ *Do you feel your child needs more academic challenge in sharpening reading & math skills that his/her own school could not provide?*

## **Honors Chemistry is an excellent choice!**

- A typical 10th grade rigorous science course
- Aims **7th-9th grade gifted youth**
- Learn ahead of regular school curriculum
- Prepare for advancement to **Chemistry Olympiads Competition**
- As prerequisite of **AP Biology** and **Biology Olympiads Competition**
- Enhance reading skills in scientific texts
- Enhance problem solving, math applications, & critical thinking skills
- Prerequisite: Algebra

**Teacher:** Ms. WenHua Deng, an experienced high school science teacher; holds Illinois Teaching License in secondary science & endorsed in all 3 core content areas: Biology, Chemistry, and Physics; College Board trained AP Biology and AP Chemistry instructor; Master of degree Education from University of Illinois, and Educational Leadership Certificate from Graduate School of Education of Harvard University.

**Tuition: \$468 per semester**

**Textbook: CHEMISTRY**, Wilbraham, Staley, Matta, and Waterman. Pearson Prentice Hall 2005 or newer edition

**Schedule: Sunday 1:00-2:50 pm**

<b>Fall 2018</b> Unit 1: Sci. Expression & Measurement Unit 2: Matter Unit 3: Atomic Structure & Nuclear Chem. Unit 4: Periodic Table Trends Unit 5: Chemical Bonding Unit 6: Chemical Formula Unit 7: Chemical Equations	<b>Spring 2019</b> Unit 8: Mole Unit 9: Stoichiometry Unit 10: Gas Laws Unit 11: Solution & Equilibrium Unit 12: Acids & Bases Unit 13: Thermochemistry Unit 14: Organic Chemistry
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**Material requirement:** textbook, notebook, binder, scientific calculator, pencils & highlighters

**Weekly homework:** Homework is important in this course, which includes textbook reading & notes taking, worksheets, lab & project reports

**Course Assessment:** Unit test after each unit, final exams for both semesters