**Teacher**: Mr. Kevin Trebbe **Room**: 5A

**E-mail:** ktrebbe@aznsa.com (during school hours)

nsaa.trebbe@gmail.com (anytime)

**Website:** http://nsaatrebbe.weebly.com**Office Hours / Extra Help:** I have 1st and 2nd hours available as office hours. I can be available after school on request as well as during lunches

**Coursework – “What is this class about?”**

This course covers General Chemistry, per Arizona Career and College Ready standards.

**Required Materials – “What should I bring to class?”**

The following materials are required and checked daily: students will need the following materials:

* Mechanical pencils / extra lead
* Computation Notebook-9¾” x 11¼” is best, but any gridded will do
* Scientific Calculator – TI 83+ or TI 84+ preferred
* Lab materials will be provided as needed

**Assessments – “What will I be graded on?”**

1. Behavior and Participation – 10% of your quarter grade

Attend class every day, be on time, be prepared, put cell phones on airplane mode, do not miss more than 10 minutes of instruction, respect fellow students and the teacher.

2. Daily Classwork – 25% of your quarter grade

Daily participation is **crucial** in this class. This grade includes completing bell work/warm up, staying on-task during in-class assignments, fully engaging in each lesson, and completing it.

3. Homework – 15% of your quarter grade

The purpose of homework is for students to practice, and reinforce their learning and understanding of the lessons covered in class. An hour of class time is not always enough time to **learn** a new concept, and **practice** enough to **master** it. Students will sometimes to complete practice work at home to succeed. Usually homework will be graded for completion, sometimes for accuracy.

It is important that parents assist in creating time and space for students to complete homework, and provide a computer as needed for assignments.

4. Quizzes – 20% of your quarter grade:

A quiz, of 5-10 items, will be given about every 2 or 3 lessons, or 3 to 5 times per month.

5. Tests – 30% of your quarter grade:

A test will usually be given at the middle and end of a chapter, about once every 2 to 4 weeks.

One Lab per quarter will have a formal write up, and will count as a test grade. More information

on the lab report will be given during the introduction to labs.

**Grades – “How is my grade calculated?”**

Quarter Grade:

Behavior & Participation: 10%

Daily Class work: 25%

Homework 15%

Quizzes: 20%

Tests: 30%

TOTAL 100%

Semester Grade:

Quarter 1/3 grade: 40%

Quarter 2/4 grade: 40%

Semester Final Exam: 20%

Total 100%

**Academic and Classroom Policies:**

* Students are expected to respect others and behave appropriately. This includes following the NSAA Student Handbook, Code of Conduct, the Course Syllabus, the NSAA Community Guidelines, and the School-Parent Compact. A copy of any of these documents can be provided upon request.
* All Students will take Benchmark Tests in all NSAA courses: August 18-19, December 9 & 12, and May 11-12 and the AZMerit Exam (with the exception of seniors) the week of May 27. Although these tests are not recorded in the course grade book, students must attend these days and will lose participation point for any absences. Test data is instrumental in being able to refine course work and effectively plan for the future.
* NSAA provides an academic and social environment that is free from discrimination and harassment on the basis of race, color, national origin, religion, sex, gender, disability, sexual orientation, gender identity, or any other category protected by law. NSAA seeks to promote a safe environment in which community members are free to express themselves without fear of recrimination.
* To ensure and support the intellectual and artistic richness in our education community, NSAA is committed to creating a diverse and inclusive learning environment by providing equal access to students with disabilities. Accommodations pursuant to Section 504 of the Rehabilitation Act of 1973 and modifications to support students who meet the requirements for Exceptional Student Services will be honored as directed by federal and state law.
* In this class, there may be one field trip per quarter. Field trips are valuable learning experiences and not just “free” days. Each field trip will include a related assignment and students who are absent from a field trip must submit an alternate assignment as requested by the teacher. Signed permission releases will be sent home at least one week prior to the trip. Students are expected to behave in accordance with NSAA in school rules and expectations.
* Bathroom and Hall Passes will be based upon a one student at a time sign out policy. Students must sign out on the clipboard provided with their name, leaving and returning times. Students are expected to be gone no more than four minutes to provide the opportunity for other students to use the facilities. Students who abuse the time limit will lose their pass privilege.
* Students may have their cell phones out on their desks turned backside up for easy access to use when and only when the teacher allows use (in this class for dictionary, thesaurus, and research, or polling purposes). All other times phones must be put away in bag or backpack. During independent writing time, students may be allowed to access music playlists, but will not be permitted to waste time looking for particular music.
* **All school policies regarding food, drink, electronic devices, plagiarism and other topics will be strictly enforced. Usage of any other electronic equipment is not allowed without the direction and consent of the teacher. No photos, video, recordings may be taken unless written approval by the teacher and the Executive Dean**.
* Students are expected to have read the NSAA Student Handbook and follow the school rules and expectations stated in that document. Students and parents must sign and return the Social Contract attached. This will count as a 10 point homework assignment and is due by Wednesday, August 17.
* Attendance is crucial for success; excessive absences lead to knowledge gaps, and can cause a failing grade. Before an absence, students are responsible for meeting with the teacher to see what they will miss, come in to office hours for extra help and to submit late work (not during class, but rather before school, between classes, or at lunch). Students are encouraged to visit the class website the on the same day they missed.

* Class website will be updated daily before 5pm with assignments, handouts, notes and dates.   
    
   http://nsaatrebbe.weebly.com
* Late assignments will be given partial credit; students **are** responsible for completing missing assignments, late work, and absent work. Frequent late or missing homework assignment will result in negative consequences until work is completed.
* Messy and illegible work will not be accepted. Proper Heading (name, date, subject) should be used.
* PENCILS ONLY are to be used for all work, NO PENS. “Scratch work” must be written ALWAYS.
* Extra credit will be offered on tests for students. It will not be offered at the end of a grading period in order to make up for missing work.
* **Academic dishonesty, cheating, and/or submitting someone else’s work as one’s own will not be tolerated, and shall result in severe consequences, including possible failure of the course.**
* Food, candy, and/or chewing gum are NOT allowed in the classroom. Drinks in a closed container are allowed.
* Inside of classrooms: hats and caps may not be worn, and shirt hoods may not be worn overhead.
* No small electronic devices (handheld games, MP3 players, headphones, ear buds, etc) are allowed in the classroom. These items will be taken away and given to administration office for parents to retrieve.
* Students must respect the school and its property. Do not write or draw on desks, chairs, walls, etc. Consequences include campus clean-up. Students must pay for damage.
* No profanity. While on school campus, language shall be school appropriate at all times. Parents will be notified, behavior grade will be lowered, and other negative consequences may be given.
* Keep your Public Displays of Affection school-appropriate, and limited to hand-holding and quick hugs.
* Students will receive a grade for behavior and participation every day.

**Safety**

* We follow the guidelines for safe labs created by the CDC and the National Institute for Occupational Safety and Health, available at <https://www.cdc.gov/niosh/docs/2007-107/pdfs/2007-107.pdf>
* The performance of unauthorized experiments is strictly forbidden.
* Safety equipment will be provided. When working with acids and bases, goggles or safety glasses are required.
* Do not engage in practical jokes or boisterous conduct in the laboratory.
* Notify the teacher of any sensitivities you may have to any chemicals

**Curriculum:**

The curriculum is fully aligned with Arizona’s Career and College Ready Standards for science,  
and can be accessed at the Arizona Department of Education web site:

http://www.azed.gov/standards-practices/science-standard/

We use a curriculum based on modeling and developed at ASU. See: <http://modelinginstruction.org> and <http://modeling.asu.edu/ModelingChemistry-storyline.htm>

The Curriculum has a core of 9 modules with 5 supplemental modules, with topics as follows

Module 1 Simple Particle Model

Mass, Volume and Density

Conservation of Mass

Module 2 Particles in Motion

Temperature as measure of energy

Gas Pressure

Kinetic Molecular Theory

Module 3 Unitary Energy

Transfer and storage of Energy

Conservation of Energy

Module 4 Compounds

Dalton Atom Model

Laws of definite Proportions

Avogadro’s Hypothesis

Module 5 Definite Mass of Atoms and Molecules

Molar Mass

Module 6 Internal Structure of Atoms

Molecular and Ionic Compounds

Nomenclature of compounds

Module 7 Chemical reactions

Balancing reactions

Module 8 Mass and Mole reactions

Limiting reactants

Module 9 Gas Volume Stochiometry

**Honors Option:**

Advanced students earning an 95% or higher will be given honors credit for each semester.

**Supplemental Materials**

* Sometimes at home students find that day’s particular topic troubling. Don’t give up though! “I didn’t get it” is NOT an acceptable excuse for an incomplete homework. Be proactive. All of the knowledge of chemistry that humankind has ever learned can be found via the internet.
* Students are highly encouraged to register for an account with **KhanAcademy.org** .   
  Links to tutoring videos from Khan Academy will be given on class websites. Students will also receive extra credit for earning points and completing exercises on this site.

2016-2017 Social Contract

**STUDENT SECTION**: check each box when you read it:

* I have read and understand the class syllabus and expectations.
* I will adhere to and abide by all of the rules outlined in the NSAA student hand book, in the School-Parent Compact, as well as in the policies and expectations stated in this course syllabus.
* I understand that academic dishonesty or cheating in class or on homework will result in a grade of zero, and additional consequences may be issued.
* I understand that I may NOT use my cell phone in class. If my phone rings, vibrates, makes a noise, or is visible during class, it will be taken by the teacher. I may not take pictures or video recordings either.
* I understand that I may not have any type of personal electronics device, including video games, iPods, mp3 players, etc. out during class, and I may not wear headphones in my ears or around my neck.
* I understand that if I miss a class session, it is MY responsibility to obtain copies of class notes and assignments, and turn them in on time in order to earn credit.
* I understand I will receive either partial or zero credit for late work or no-name papers.
* I understand detention is given for not completing assignments on time, as well as behavior issues.
* I understand that if I do not show work on math problems, I will receive no credit. (No Work = No Credit)
* I understand that in order to be successful, I must be “on time” (in class, seated, materials out, and ready to begin when the class bell sounds) and I must consistently pay attention and participate.
* I understand that I am in control of my grade. My grade is my own responsibility, no one else’s.  
  My grade is a reflection of my effort and how much material I have learned and mastered.
* I understand that, in order to be successful, I may need to review lessons regularly, study my notes, and work through (and possibly re-work through) problems from class.
* I will keep a positive attitude and ask for help as soon as I am having difficulty in class.
* I will follow all safety directions during labs

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Print STUDENT Name STUDENT Signature date

**PARENT SECTION:**

My student brings to school an: □ Android phone □ Apple iPhone model:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

My student has an approved accommodation plan (IEP/504): □ yes □ no

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Print PARENT/Guardian Name PARENT/Guardian Signature date

Best ways to contact □ email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­

Parent/Guardian:

□ phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***new* school** for the **arts & academics**

nsaa

# **A Visual & Performing Arts & Academics**

# ***High School and Middle School***

Ronald F. Caya, Founder

Katy Ferrell-Cardenas, Executive Dean

# **A WIN-WIN Opportunity**

New School for the Arts & Academics Middle and High School (NSAA) is seeking your support! **You will get every cent back when you file your state taxes!!**

The Arizona tax credit is available to all individual taxpayers in the state of Arizona, regardless of whether they have children enrolled in public schools, such as NSAA. Alternatively, contributions from businesses are always appreciated and tax deductible under Federal and State law. This tax credit however, may be claimed on personal income tax. Simply write a check for either $200 (single taxpayer) or $400 (married taxpayer) to the NSAA Middle or High School. For your tax records, you will receive a confirmation verifying your contribution in January.

Your tax credit donation contributes to funding extra-curricular activities such as trips for performances and competitions, clinicians and visiting artist, and afterschool art programs. **Remember this is a “TAX CREDIT” which you claim directly from your Arizona state taxes and not adjusted from your gross income, you will receive every penny back when you file your Arizona tax return.**

**NOTE:** In addition since NSAA Middle and High School is a non-profit education facility, you may also claim the money as a charitable donation on your Federal Income tax, or as a deduction to your business..

**Please forward the Arizona ARIZONA TAX CREDIT**

**Tax Credit Form along with your check**

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**NAME of Parent and student**

* New School for the Arts & Academics

1216 East Apache Boulevard

Tempe, AZ 85281 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ADDRESS**

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**CITY STATE ZIP PHONE NO.**

* Any questions, please call

480-947-3917 Barbara

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**Signature**