



COURSE SYLLABUS
Crazy Science
Experiments

Tuesday 12:30 to 1:25 pm
Thursday 11:00 to 11:55 am
Eastlake Campus, Fall 2020

The heavens proclaim the glory of God. The skies display his craftsmanship.
Day after day they continue to speak; night after night they make him known.
- **Psalm 19:1-2**

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**Course
Details**

In Crazy Science Experiments students explore the wonders of science by experimentation. This course's hands on learning approach to science introduces students to the scientific method and the steps required to yield results, analyze data, and present information to their peers. Students will also keep a journal of projects as a record of their course work and progress!

Materials **Notebook, blank paper, lined paper, and colored pencils**

Course Objectives This class will increase the student's knowledge of the scientific method, as well as their understanding of how the scientific world operates and be better equipped to reason through a problem to get the right answer. **Each Week the Scientific Method Will be Journal with each project to be turned in.** Each week a new experiment will serve to help students expand their understanding of each step in the scientific method: (1) Observation (2) Question (3) Hypothesis (4) Experiment (5) Results (6) Conclusion.

Academy Mission and Vision Statements

Awaken Academy Mission: The goal of Awaken Academy is to foster a lifelong love of learning and an appreciation for the arts in the context of church and culture, helping to equip the next generation of leaders to excel in the home, the church, and the marketplace.

Awaken Academy Vision: Awaken Academy endeavors to partner with Awaken homeschooling parents, creating community, enhancing skills, and building kingdom.

Awaken Academy Statement of Purpose: Awaken Academy connects parents, pastors, professors, and homeschool students around the central hub of the local church, providing collective oversight and connective opportunities for church-based homeschool programs. Additionally, Awaken Academy fosters connective threads between the local church and Christian institutions of higher education, strengthening the bonds of unity, creating a rich culture of educational and workplace influence, and preparing students for college, career, and family life.

About Your Teachers

Professor White is a dynamic, award-winning trainer, coach, and speaker with over a decade of performance breakthrough experience serving students, athletes, and entrepreneurs. He completed his Baccalaureate at the University of Iowa, his Master's at Concordia-St. Paul and later completed Bible College in Escondido before joining Awaken in 2017. In addition to teaching for Awaken Academy Jason mentors at CVCU. He also coaches middle and high school athletes to prepare for D-I and Jr. Olympic sports. As a breakthrough expert Jason's programming facilitates environments for students to step into their purpose, walk in power, and run to WIN by collaborating with the people around them and managing the resources they have available to them. He is

passionate about science, sports, discipleship, and evangelism and looks forward to sharing all he has learned through academia, biblical principles, and sports to empower the next generation. He attends Balboa Campus regularly with his KingMaker Dr. Cherise who helps people heal as a Naturopathic Doctor.

Keeley Zecca is a Christian military wife of 10 years and a homeschool mother of two. She received her Bachelor of Science in Zoology with an Emphasis on Human Anatomy and pursued a career in biochemistry and molecular biology. In her free-time Keeley enjoys creating homeschool lesson plans, finding new and creative ways to teach and enjoys the gym. She also has been working for several years on a curriculum that explains the similarities between spiritual warfare and the new realm of Quantum Physics using principles and presentations that simplify the abstract to concrete, tangible outcomes. She attends weekly services at Eastlake Campus and has served in various volunteer and teaching services with churches throughout the San Diego area.

Statement of Beliefs

Awaken Academy is a biblically-based model of education, and all employees hired within the Academy share in a core culture of spiritual DNA that forms the basis of how we treat ourselves and one another. We believe:

1. There is one God: God the Father, God the Son, and God the Holy Spirit.
2. In the deity of our Lord Jesus Christ the Son of God; we believe in His virgin birth, in His sinless life, in His miracles, in His victorious and atoning death, in His bodily resurrection, in His ascension to the right hand of the Father, His constant intercession and in His imminent return.
3. In the baptism of the Holy Spirit as a gift available to believers subsequent to the new birth, with normal evidence of speaking in other tongues.
4. In the sacraments of the Lord's Supper and baptism by full immersion in water for all believers.
5. In the person and work of the Holy Spirit with His fruits and gifts available in the Church.
6. The Bible is the living word of God. It is infallible, authoritative and everlasting and is the foundation of all Christian doctrine.
7. In the existence of an evil spiritual being known as the devil.
8. In the great Commission given to us by Jesus Christ before His ascension, to go and make disciples of all nations, baptizing and teaching them. This requires both saving and transforming people from every culture, ethnicity and tongue!
9. In the resurrection of both the saved and the lost, the one to everlasting life and the other to everlasting separation from God.

10. In the church being the body of Christ, and each member being an active part of a local church, fulfilling the Great Commission.

11. Marriage was instituted by God, ratified by Jesus, and exists exclusively between a man and a woman. It is a picture of Christ and his church. Sexual intimacy is a gift from God for procreation and unity, and it is only appropriate within and designed for marriage.

Awaken Academy Student Code of Conduct

1. Students are to follow the directions of Awaken Academy teachers and staff at Awaken-sponsored events, including but not limited to field trips and performances.

2. Students are to display appropriate conduct during class session. This includes courtesies such as refraining from unkind remarks, profanity, coarse jokes, or other language that demonstrates disrespect or a lack of charity.

3. Students are to demonstrate respect and kindness to all staff and program participants. Students are not to gossip, lie, bully, or engage in physical or verbal fights with one another. Appropriate and biblical conflict management tools will be modeled, taught, and expected at Awaken Academy.

4. Students are expected to complete any assigned course work at home, to be on time to class, to bring the necessary class supplies, and to be prepared for the lesson. Students will not be permitted to sit in the back of the classroom and disengage. All students participate.

5. Students are encouraged to make wholesome friendships. Students should look upon one another as brothers and sisters in Christ and refrain from demonstrating romantic affection, or giving the appearance of romantic affection, at Academy functions.

6. Students are expected to demonstrate appropriateness in dress that exemplifies respect for oneself and for other students. Staff and faculty reserve the right to address the behavior of students who demonstrate a lack of awareness of the underlying principles of modesty and self-respect.

7. Awaken Academy students are encouraged to break the generational norms of screen/entertainment addiction. Unless the student needs to contact a parent, cell phones should be put away while the students are in class, at lunch, and on break. Friendships often develop in the margin before and after class, so students are encouraged to be engaged in the present moment and learn the art of face-to-face conversation.

8. Students are to display courtesy by remaining seated until dismissed, by treating church property with respect, and by cleaning up after themselves. Students are to respect the church facilities by taking care of the classrooms, not marking on the walls or tables, not pulling on wall displays, and by demonstrating care and respect for the buildings with which we have been blessed.

9. Students must be under the direct supervision of their parent or an Awaken Academy teacher at all times, including breaks, and it is the student's responsibility to be in an area that is appropriately supervised. Students will be signed in and out of class and the campus each day. Students must remain on site during lunchtime/breaks unless signed out by an approved family member.

10. Awaken Academy students are expected to refrain from immoral and illegal conduct. All weapons, illegal drugs, alcohol, and tobacco products are strictly prohibited from the facilities. Stealing, lying, bullying, cutting, fighting, or other acts of aggression toward oneself or others will be grounds for immediate dismissal from the program.

Awaken Academy

Crazy Science Experiments Semester Outline

Week	Theme	Notes
Week 1	Intro	What is a science experiment? Scientific Method
Week 2	Explosions	Mentos +Soda Alcohol + water bottle Vinegar + Baking + soda water
Week 3	Cephalopod Dissection	Dissect Octopus + Squid
Week 4	Magnets	Different kinds of magnets. Sticking Test. Magnets being used in classroom. Pushing/Pulling Test. Make a compass. Make a magnet.
Week 5	THE FIRE FIGHTER	Fighting Fires with Fire Marshal Tony
Week 6	PLANT PROJECT	PLANT SEEDS FOR SEMESTER PROJECT! Celery in food coloring. Uproot a typical plant, then uproot a carrot. Dissect a plant. Eat mint, rosemary, etc.
Week 7	Space	Make "Moondust" (Flour and baby oil.) "Discovery Space Projector". Eat "Space" Food.
Week 8	Chemistry	Water & Dry Ice. Baking soda and vinegar. Oil with food coloring in water. Oil and water toys. "Elephant Toothpaste".
Week 9	Physics	Make a Hurricane Tube Separate Sediment

Week 10	Natural Disaster	What does an earthquake feel like? Fire and Extinguishers. Tornado in a bottle.
Week 11	Food	Make slime and play dough you can eat. Marshmallow in microwave. Test tastebuds...
Week 12	H ₂ O	Make Clouds!
Week 13	Dessert!	Make Ice Cream!
Week 14	STUDENT PROJECT	SEEDS / Sprouts
Week 15	PREP	Prep for Semester Showcase

*Labs will be completed in the classroom practicing the scientific method.