



Magnet Elective Courses 2020 -2021

Zebulon GT Magnet Middle School





Language Arts Electives



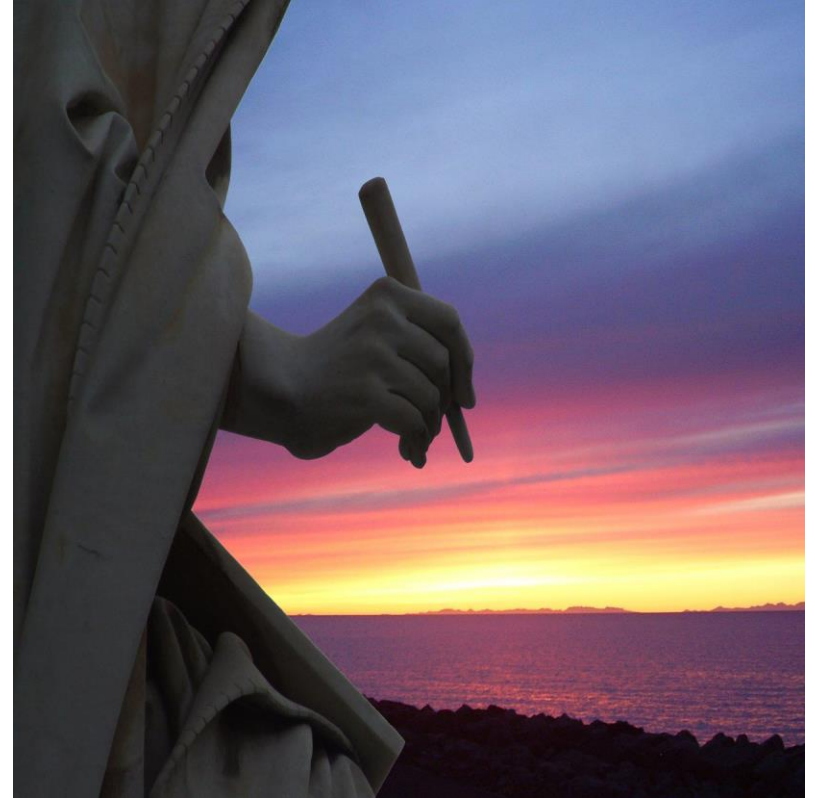
Classical Mythology

Learn about the Greek and Roman cultures that created timeless stories thousands of years ago. Those stories still apply to life today.



Creative Writing

Express yourself! Through this course, you'll discover a variety of writing styles that will allow your thoughts to come alive! Polish your writing and make it more effective, lively, descriptive, and cohesive. This course is for the undiscovered writer in all of us!



Folktales & Myths

Language Arts



Explore folktales and myths from Africa, Asia, and America. Sharpen critical thinking and reading skills while learning about cultural differences and the literary style of myths.



Literary Magazine

Language Arts

Be a part of developing an award winning literary magazine through cooperative work with classmates. Review literary forms and think critically about various literary styles. This magazine is completely created and published by students taking this course.



Mystery & Suspense

Language Arts



What makes a reader hang on the edge of their seat? You'll be a master and have the answer to that question after taking this elective! Learn about the elements of mystery in literature, and apply these sneaky skills as you create your own suspenseful stories.



Science Fiction

Language Arts



Picture the future and expand your appreciation for Sci Fi literature. Sci Fi in popular culture will be explored, and imaginative use of technology will be encouraged.



Short Stories

Language Arts

Read, view, and create short stories in this elective. Apply critical thinking, writing, reading, and speaking skills while increasing your vocabulary!



Storytelling

Be the life of the party!

Become the very best storyteller in any crowd by exploring the history of tales, folklore, and fables from cultures around the world in this elective.



Video Literature

Are you a movie buff?Book buff?

See if you can identify the difference in technique in *telling* a story versus “*showing*” a story. Which do you prefer and why?

Be ready to put your discussion and analysis skills to the test.





Math Electives



Fantasy Sports

Football, baseball, basketball, hockey, and our own “March Madness”! How can the use of, understanding of, and FUN of numbers help you to enjoy these games to their fullest? Come and find out as you learn to manage your own “fantasy team”!



Financial Finesse

Learn what you need to know to get on a great financial path!

Use what you learn to manage money now—allowance, odd jobs—and the money you'll earn in the future.



Fun With Numbers

Would you like to feel more comfortable with how numbers work together?

Is it even possible for math to make sense and be SUPER useful to you?

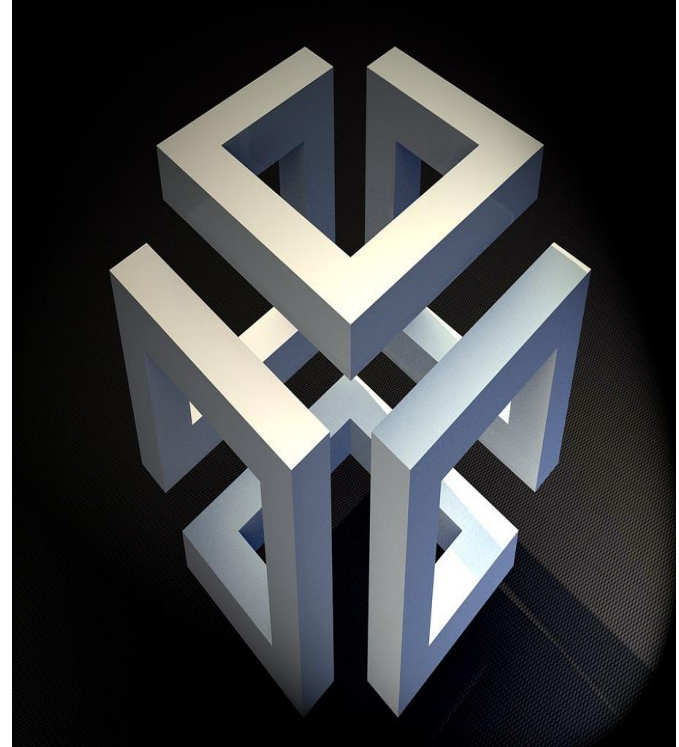
Come strengthen your math skills and have FUN with NUMBERS!



Geometric Construction

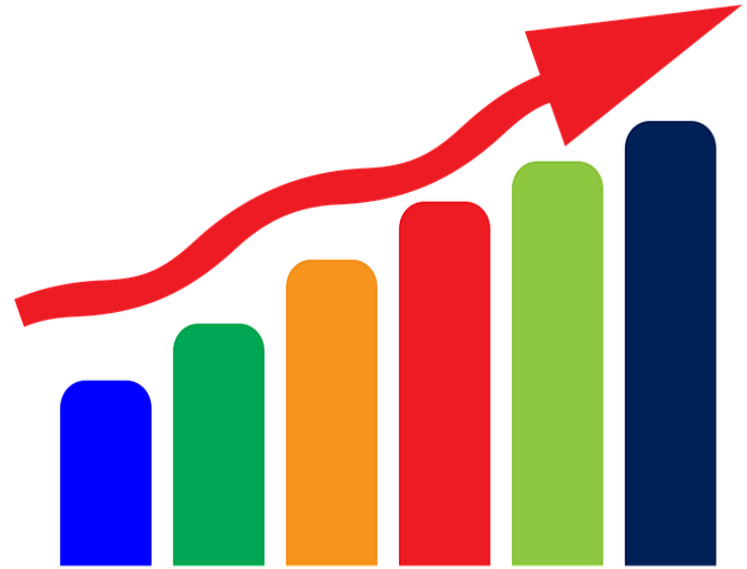
Stretch your problem-solving skills with challenges and hands-on projects.

Model making and maze creation challenge you to think in three dimensions.



Graph It

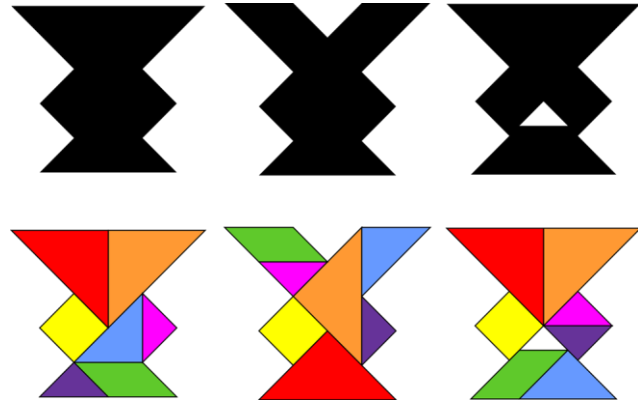
Work with range, mean, median, and mode to construct picture, bar, line, and circle graphs, as well as histograms. Coordinate graphing is also constructed.



Math Art

Do you enjoy art and puzzles??

Work with tangrams, paper folding/origami, and patterning as you advance your skills in geometry and logical thinking.



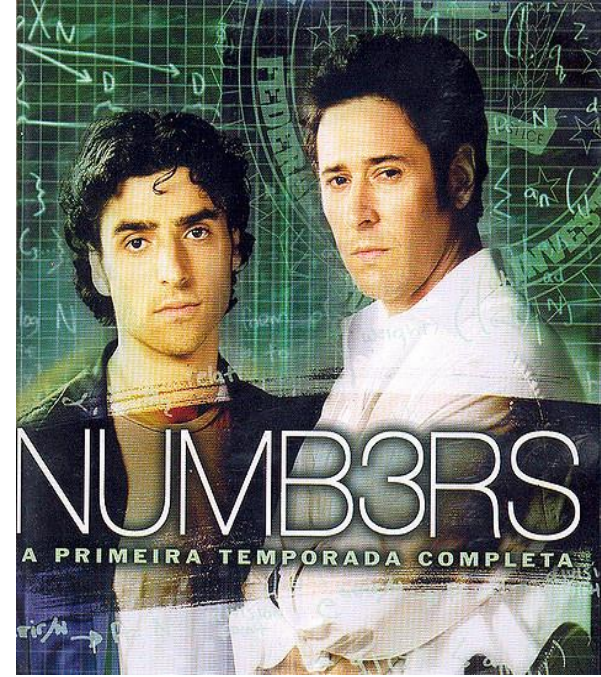
Numbers - We All Use Math Everyday

Math

Based on the TV show, "Numb3rs",
Every episode of the show starts with:

*We all use math everyday;
to predict weather, to tell time, to handle
money.*

*Math is more than formulas or equations;
it's logic, it's rationality,
it's using your mind to solve the biggest
mysteries we know.*



What are My Chances? Probability and Statistics

Learn the concepts of probability and statistics the fun way—through games that depend on chance!



Problem Solving through Strategic Games

Strengthening problem-solving skills through challenging games. Backgammon, Monopoly, and Checkers are some of the games used to enhance logic, mental math, and creativity.



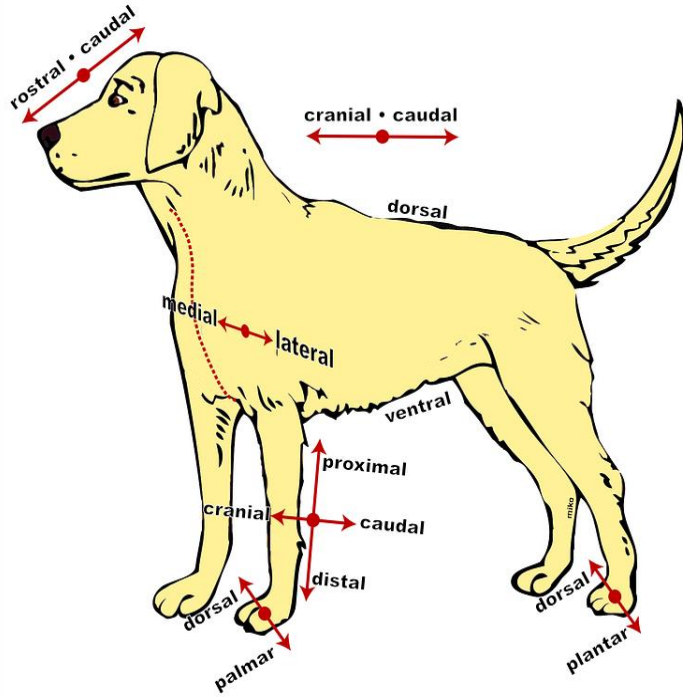


Science Electives



Animal Science – Pet Vet

Come journey into the science of our most loved pets! Explore the habitats, adaptations, relationships, and care of mammals, reptiles, amphibians, birds, aquatic life, and insects.



Genetics

Science



Why are your friend's eyes brown, and yours green? Who do you know that has a detached earlobe, or can curl their tongue? This course helps explain our genetic differences.



Lab Busters

Solving Myths Using the Scientific Process

Science

Urban legends or truth? How can you find out if what you hear about something happening is truth, a colorful hoax, or a little of both? Use the scientific process to discover whatever “myth” you choose to “bust”!

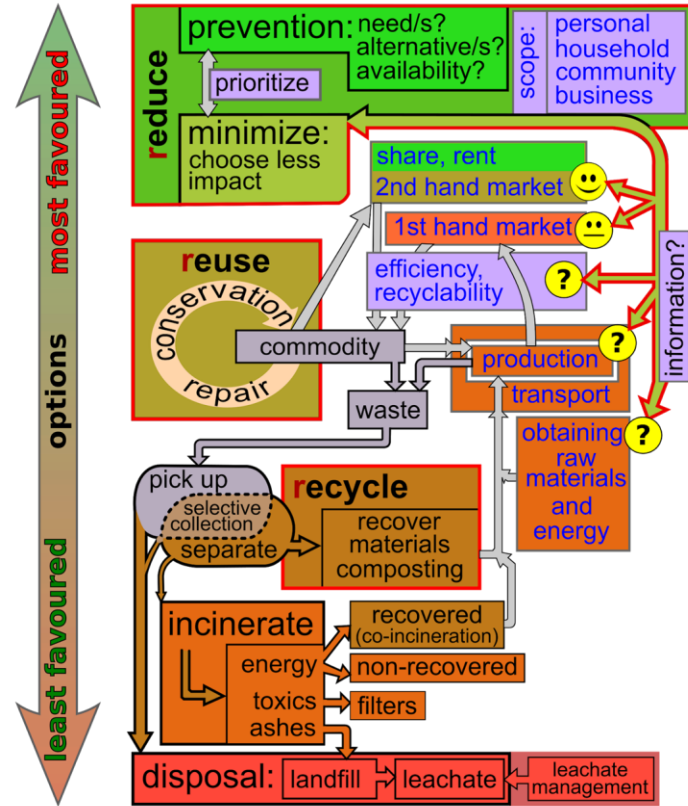


Nanotechnology Engineering Mindset

How do the elements of the environment affect the good health of humans?

Learn howthen use technology to design a product that will help monitor human health.

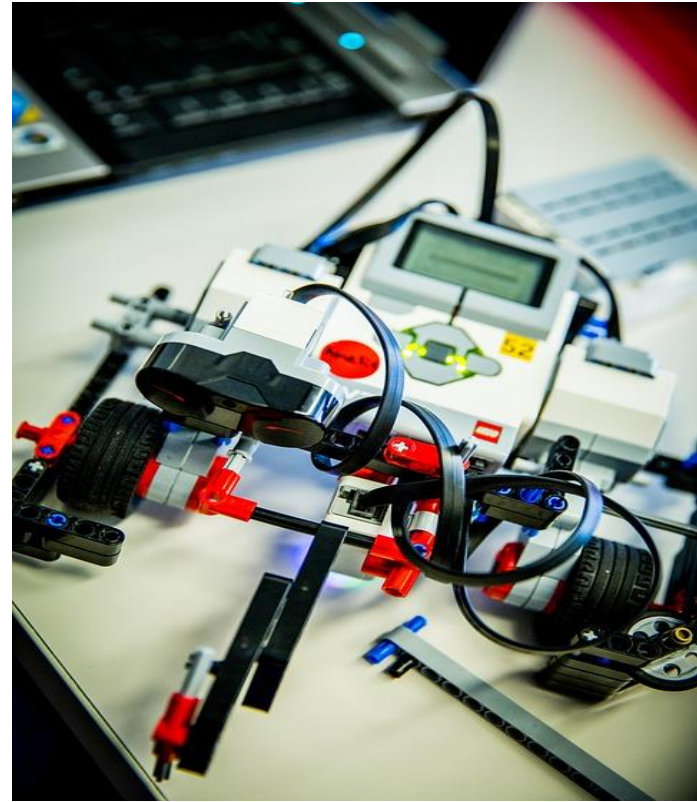
Science / Technology



Robotics

“You get to build really cool robots,” says a sixth grade student!

Learn using Lego blocks, gears, motors, and computer programming to build and problem solve.



Who Done It? Forensics

Investigate the world around you using forensics technology.

Apply laboratory techniques to investigate 'evidence' and 'solve crimes!'





Social Studies Electives



Around the World in 45 Days

Create a travel agency!

You and your team will become geographic and cultural experts to create successful trips for your customers.

Are you up to the challenge?



It's in the News!

Social Studies

How aware are you? In-class competitions, information gathering, and conversation revolve around current events in this exciting elective.



Social Justice

Social Studies



Do you want to be the change you see in the world? The Social Justice elective will equip you with the knowledge to be a change agent in our current society. You will learn about current and historical social justice and collaborate with peers to create real solutions to issues within your community.



US Military History

Research and discuss the United States military's famous leaders, weaponry, medical techniques, technology, and changing roles of personnel through time.



Youth and the Law

Social Studies



How does the law affect you? Through “peer simulations” of trials, video examples, and guest speakers, you’ll get a taste all the different aspects of the legal system. Learn about civil and criminal law, the court system, youth rights and responsibilities and consequences of actions or decisions.





General Studies Electives



Chess

General Studies

Learn all about the game of chess, its backgrounds and origins. You will have fun opportunities for learning, play, and competition with peers.



Film Analysis I

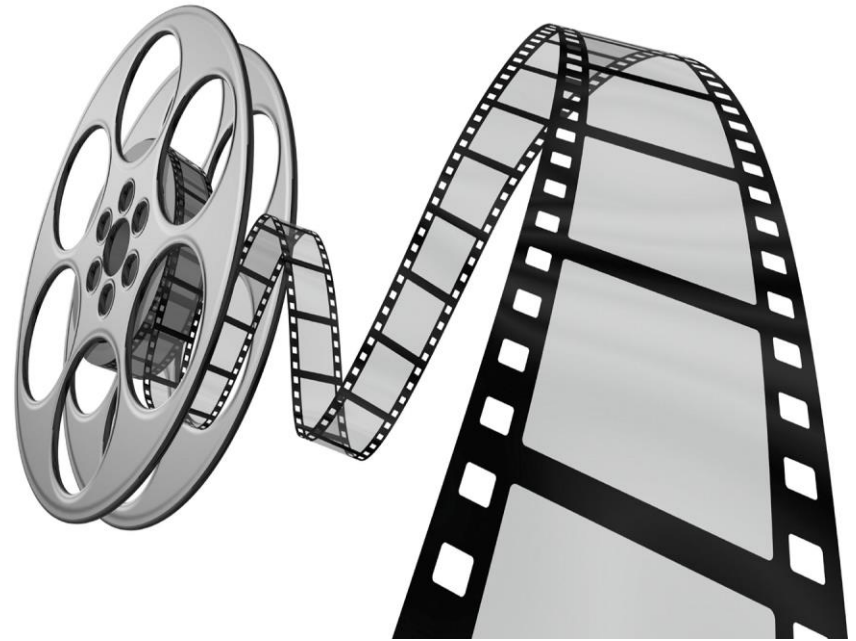
- Study various genres and time frames of film.
- Compare and contrast your personal experiences with those shown on screen as you learn to watch movies critically and express your point of view.



Film Analysis II

General Studies

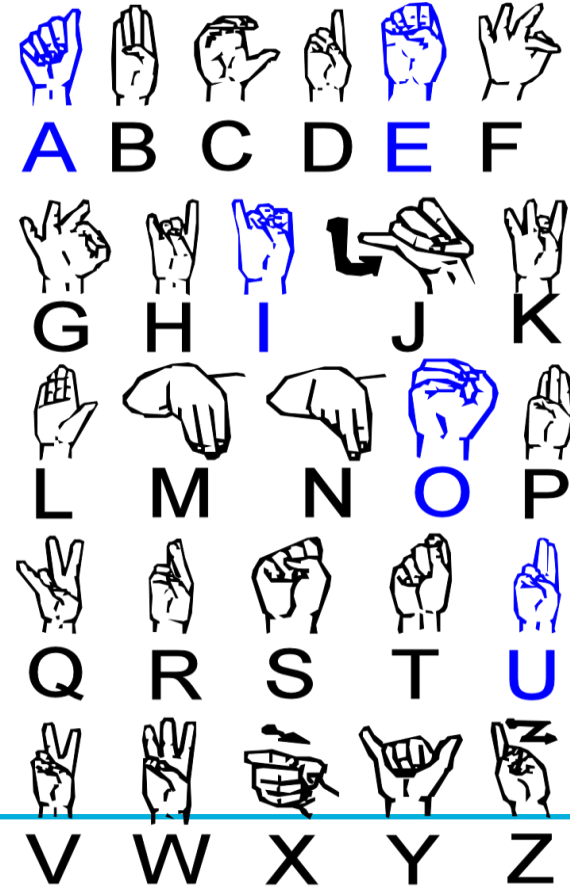
This is an in-depth study of film that will take you into every aspect from Film Analysis I in much greater detail, allowing for more hands-on experience with film creation.



Sign Language

General Studies

This course is an introduction to sign language, the manual alphabet, and sign vocabulary of 300-400 words, as well as the history of signing. Students will gain an understanding of hearing impaired persons and acquire skills to communicate with the deaf and hearing impaired.



Video Production

Learn different aspects of how video is created and produced. Research and storyboard techniques will be used as you work with a team to enhance your skills in producing high quality video.





Competition / Specialty Electives



Brain Games (History)

Q2, Q3

Create quiz-bowl and Jeopardy questions based on Language Arts and/or Social Studies curriculum.

Practice creating puzzles for other students to solve, and participating in computer-created quiz bowls.

Competition / Specialty



Math Counts

Q1, Q2

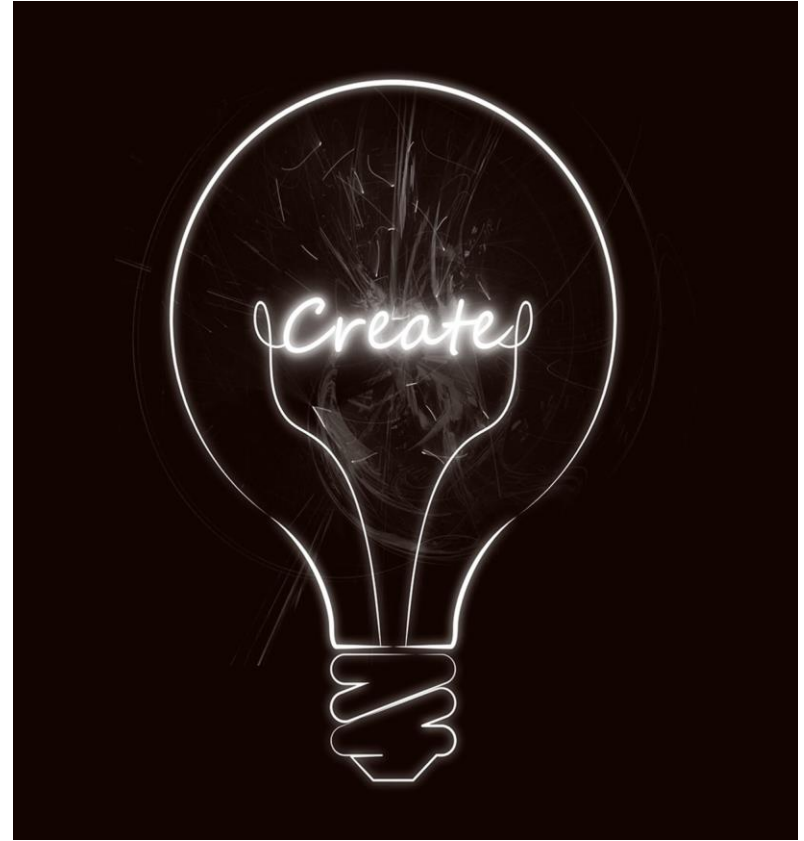
For students who have a special interest in mathematics and who wish to extend their problem-solving skills. Activities include speed drills, power drills, and simulated competitions. Students may have the opportunity to compete in local, regional, state, and national competitions.



Odyssey of the Mind

Q2, Q3

Apply your creativity to solve problems ranging from building mechanical devices to presenting your own interpretation of literary classics. You then bring those solutions to competition on the local, state, national, and world level.



Science Olympiad

Competition / Specialty

– Q2, Q3

Apply science and math concepts to enhance problem-solving skills.

Independent and group projects are completed under the guidelines of the National Science Olympiad. Students may have the opportunity to compete in local, regional, state, and national Science Olympiads.

