



Course Catalog  
2019

## **MISSION/PHILOSOPHY of GLENFIELD MIDDLE SCHOOL**

At Glenfield Middle School, we believe that every student can learn and achieve in a stress-free, safe and secure environment, which is both nurturing and challenging.

### **PHILOSOPHY STATEMENT**

Glenfield Middle School is committed to cultivating the gifts and talents of our adolescent students with sensitivity to their developmental, intellectual and creative needs. The school's responsibility is to stimulate the intellectual development and fulfill the emotional and physical needs of the children. The school views all children as having special gifts and talents and it provides experiences for each child to explore these attributes through the academics and the related and academic arts programs.

### **ARTS PHILOSOPHY STATEMENT**

It is our belief that the arts have intrinsic value and make unique contributions to culture, society and the lives of individuals. Participation in the arts is a valuable part of life and should be cultivated. When you combine the arts with other subjects, students enhance and develop problem solving abilities and higher order thinking skills. The arts allow for connections with all subject areas and provide students with the ability to reason and to make decisions and judgments. Moreover, the arts bring satisfaction, joy and excitement to the learning process.

### **Organizational Structure**

Glenfield is organized into six houses with approximately 120 students each. Six houses are single graded houses. Of the six houses, three are "open" (houses with temporary dividing walls); three are "closed" houses (each teacher has an individual classroom).

The instructional organization of Glenfield is divided into two major components: Basics and Related Arts. Basic subjects (Language Arts, Math, Science, Social Studies and World Language) are taught among teachers in a "house" structure. In-class and pull-out academic support environments are also available for students with special needs in all houses. Related Arts teachers offer classes in Vocal Music, Instrumental Music, Visual Art, Dance, Drama, Technology, and Consumer Science. Academic Arts offer enrichment classes in the language arts, science, math and social studies.

Glenfield provides student support services through the expertise of a full-time school nurse, two guidance/student assistance counselors, one Learning Disabilities Teacher Consultant and the Child Study Team.

Through this organizational structure, students are provided a framework for skill development while being offered opportunities to explore areas of interest and cultivate areas of strength. The teachers are committed to heterogeneous classes in the academic and arts areas. Within the context of these settings, teachers differentiate instruction to meet individual needs. Each house follows Board of Education approved core curricula. Teachers present curriculum, where possible, through an interdisciplinary approach.

## **Course of Study Requirements**

Students are required to take the following annually:

4 Marking Periods of Language Arts, Social Studies, Mathematics, Science, Physical Education/Health and World Language or World Cultures

\* Students who do not meet established criteria in Language Arts and Mathematics performance will have additional instruction in lieu of one of their electives. (Math/Literature Lab).

## **CI Arts Offerings**

Formal acceptance to the following courses is through a successful audition or portfolio/academic assessment:

CI Chorus                      CI Jazz Band

CI Orchestra                CI Dance

CI Art

CI Acting

## **Curriculum**

The curriculum at Glenfield School is Board of Education adopted and offers a balance of content and process. It addresses the cognitive, social, and emotional maturity of the individual student as well as fostering skills for continued learning, knowledge content, and exploratory experiences. It is designed to reflect the transition period of the young adolescent. Students in the early adolescent years must be understood in terms of their increasing maturation and individual development. Intellectual, social, physiological, and emotional changes are occurring at an increased rate. There is no greater time of differences among students and within one student than in the middle school years.

Support Services are provided to students with individual learning needs. The Child Study Team recommends education in the Least Restrictive Environment (LRE); that is, one, which most closely resembles the general education program. The special education services offered include in-class support, replacement support, and self-contained classrooms.

## **Basics**

Students carry five “Basic” courses: Language Arts, Social Studies, Math, Science and World Language or World Cultures every day.

### **1. Language Arts**

Reading, writing, speaking, listening, thinking and integrated technology are stressed in the Language Arts program. Our literature-based program ties in heavily with the Social Studies curriculum and makes use of trade books, as well as non-fiction selections, which include required readings for each grade level.

### **2. Social Studies**

The Social Studies program in the sixth grade reinforces the geography skills introduced in earlier grades and expands on them (maps, charts, graphs). A study of world cultures is the primary focus. At the seventh and eighth grade level the students are presented with an in-depth look at American History from the day of exploration right through the

events in today's news. This is accomplished through the use of an adopted textbook, other commercially prepared materials and teacher prepared materials.

### **3. Mathematics**

After making diagnostic assessments of skills of entering students for placement purposes, instructional programs appropriate to the needs of individual students are charted. Implementation is accomplished through texts and materials as well as teacher prepared materials and other commercially produced supplementary materials and textbooks.

### **4. Science**

Our Science program incorporates the development of laboratory techniques, coupling technology with processing skills and concepts necessary in today's scientific world. Each year focuses on different areas of life on the micro and macro level delving into both Physical and Earth/Space Science. The computer as a tool is emphasized throughout. McDougal Littell and supplementary texts/materials along with special projects are used to compliment the program.

### **5. World Language**

Learning a second language has become an essential element in education. Being able to communicate in other languages prepares our students to actively participate in the world community. Students explore a new culture, in addition to a new language, and they learn to appreciate cultural and linguistic diversity. All language classes emphasize the five skills of language instruction: listening, speaking, reading, writing and thinking.

## **WORLD LANGUAGE**

### **BEGINNING MANDARIN CHINESE**

This course is designed for the beginning student of Chinese. The audio-lingual skills of listening and speaking receive major emphasis. Reading and writing of material mastered orally are begun. Cultural concepts are developed in relation to China and Chinese influence on life in the United States.

### **INTERMEDIATE MANDARIN CHINESE**

This intermediate course continues to emphasize the progressive development of the language skills of listening, speaking, reading and writing. In addition, students will continue to develop cultural concepts and understanding through independent research projects.

### **ADVANCED MANDARIN CHINESE I**

This course provides further development of the skills of aural comprehension, speaking, reading and writing. New basic language structures, additional vocabulary, idioms of high frequency and practical use are presented and practiced orally. Cultural patterns and customs related to China continue to be emphasized through extensive reading and discussion.

### **ADVANCED MANDARIN CHINESE II**

This course is a direct continuation of Advanced I. It is designed to actively involve students in all stages of language learning. The course continues to build the student's knowledge of the Chinese language and culture. The students are encouraged to speak and write creatively with the ultimate goal of conducting the class completely in Mandarin Chinese. They are urged to use the language to express more advanced thought and ideas.

### **BEGINNING SPANISH**

This course is designed for the beginning student of Spanish. Listening and speaking skills receive major emphasis. Reading and writing are also an integral part of this course.

### **INTERMEDIATE SPANISH**

The intermediate course continues to emphasize the progressive development of the language skills of listening, speaking, reading and writing. In addition, the student will continue to develop cultural concepts and understanding through independent research projects.

### **ADVANCED SPANISH I**

This course provides further development of the skills of aural comprehension, speaking, reading and writing. New basic language structures, additional vocabulary, idioms of high frequency and practical use are presented and practiced orally. Cultural patterns and customs related to Spain and Latin America continue to be emphasized through extensive reading and discussion.

### **ADVANCED SPANISH II**

This course is a direct continuation of Advanced I. It is designed to further involve students actively in all stages of language learning, while deepening their insights into Hispanic culture. The course continues to build the student's knowledge of the structure of the Spanish language. This encourages students to use the language to express more advanced thoughts and ideas.

### **BEGINNING FRENCH**

This course is designed for the beginning student of French. The audio-lingual skills of listening and speaking receive major emphasis. Reading and writing of material mastered orally are begun. Cultural concepts are developed in relation to France, other French-speaking countries and French influence on life in the United States.

### **INTERMEDIATE FRENCH**

This course builds on what has been previously learned. There is a continued emphasis on listening, speaking, reading and writing skills. The student will continue to develop cultural concepts and understanding through independent research projects.

### **ADVANCED FRENCH I**

Advanced French continues to develop the four language skills: listening, speaking, reading and writing. Free expression in the spoken and written form is developed and

encouraged with the ultimate goal of conducting the class completely in French. The study of French geography, history, literature and customs is continued.

### **Related Arts**

Students select Arts - Aesthetics or “Electives” in accordance with their interests and abilities in the academic and/or arts areas.

\*CI Related Arts require an audition or portfolio for admittance.

#### **1. Art**

The Art program offers a wide choice of specific studio courses in both two and three - dimensional media. Emphasis is placed equally on design, creativity, a serious attitude and technical competence. Students are challenged to reach for high levels of proficiency. Since students work at different speeds and levels, instruction is individualized to a high degree. The program is process-oriented and emphasizes those skills learned in all the facets of the school, academic as well as aesthetic. As art is not created in a vacuum, reading, math and writing are often a necessary part of the process of creation.

#### **2. Drama**

Acting courses are offered in a sequential order, and designed so students who take acting each year at Glenfield will learn skills that build upon the previous year. Classes are offered as either a semester course or a full year CI class, by audition only.

#### **3. Vocal Music**

The choral/vocal offerings provide for the development and growth of middle school vocalists through varied mixed, male and female ensembles. Students study and perform for the public a widely varied repertoire while developing skills in reading and writing of musical notation. Students develop and practice a vocabulary of musical terms to discuss and describe the music they are performing. Proper rehearsal techniques encompassing self-discipline, cooperation and following a conductor are stressed. Skills such as posture, breathing, intonation and rhythm are also incorporated.

#### **4. Dance**

The dance component provides students the opportunity to explore expressive movement while developing gross and fine motor skills. Beginning, Intermediate, Advance Intermediate, and CI Dance are offered at each grade level.

#### **5. Physical Education (State Required)**

Physical Education contributes to, and enhances, physical growth and development. It is closely allied with the academic process. Through individual and team sport activities, students learn and develop valuable life skills. Our course of study includes adventure education, fitness center, archery, basketball, football, soccer, softball, tennis, track, volleyball and kickball.

## **6. Health**

This course of study includes the development of mature decision making regarding health behavior, sexuality, personal relations, substance use, conflict/resolution, family and community membership and responsibility. Any parent may exclude his/her child from any portion of the curriculum by submitting an exclusionary form or a letter to the principal.

## **7. Family and Consumer Science**

Foods and clothing classes contribute to the overall effort to provide students with reinforcement in areas of reading and math. Measuring, adding and subtracting fractions and figuring costs are all important math competencies. Students read for meaning as they follow directions in recipes, sewing and related content. Through class projects students learn good work habits such as organization, time management, and working with others. Students are also provided opportunities for creative expression and awareness of other cultures through the diversity of activities offered within the curriculum.

## **ARTS AESTHETIC/CREATIVE I COURSE DESCRIPTIONS**

- \* Course offerings are contingent upon staff availability and/or student interest.  
(All courses are one (1) semester in duration unless otherwise noted.)

### **VISUAL ARTS**

#### **CI ART (Full Year)**

CI Art is an intensive independent study class for serious art students in all media. Students interested in CI Art must first submit a portfolio to be evaluated or be nominated by previous performance in an art class. Creative I Art is an individualized class with emphasis on developing self-confidence, personal artistic style and technical competence. Students are encouraged to experiment in and explore a variety of media and styles. The class develops the ability of students to be self motivated, focused and disciplined.

#### **BEHIND THE SCENES (Grade 7 Full Year)**

\*Participation is contingent on teacher selection

Be part of the creative work behind Glenfield's exciting annual events, especially the Musical. In this full year course, students create props and decorative scenery, study the job of set designer and foley artist, and learn how props are selected to support theatrical illusions. Students will be involved with logo design and poster creation

#### **FIBERS**

This course introduces students to a variety of techniques including weaving, sewing, and batik. Projects will be created using fabrics, yarn, felt, and other fibers, both natural and synthetic. Students may also create art to wear. Projects created will include both functional and non-functional items.

## **NON-TRADITIONAL ART**

This course introduces students of any level to unusual and new ways of self-expression. Experiment with paint, clay, printmaking, drawing and collage, while exploring the idea of process vs. product. Projects may include altered books and upcycled art.

## **PAINTING**

Students begin the study of painting with basic color theory exercises such as color wheel, tints, tones and shades. Each successive painting lesson will be designed to cover certain techniques and processes. As the students progress, more advanced knowledge and skills will be introduced. Students must be able to apply basic knowledge and techniques before moving on to more difficult paintings.

## **SCULPTURE**

The course will cover the concepts of form, shape and 3-D space. Projects will include relief and full-in-the-round pieces using various media. Students will explore the areas of carving, casting, assemblage-construction and modeling. A variety of media will be used to complete both subtractive and additive sculpture projects.

## **3D DESIGN**

Combine art, design, and technology in 3D printing. Learn how to build and print 3D models using various online design programs. Start from a sketch and end with holding your print in the palm of your hand!

## **PAINTING ON LOCATION**

Students' pride in their school will grow during this class as they take on the responsibility of bringing the visual arts to life through murals, installations, and commissions from teachers. There is no feeling greater than leaving your mark on the wall of the school you love.

## **ANIMATION**

Students learn the history of animation based on the persistence of vision concept. Students will create two page flip books and antique animation devices, thaumatrope and phenakistoscope. This is followed by creation of a cel and an exploration of cel animation including landmark films from Disney and Dreamworks (virtual studio visits via internet.) Students learn stop motion animation by creating with clay sculptures and a single frame camera.

## **DESIGN AND COMPOSITION**

This course is built around the elements and principles of art. Students learn to draw using methods such as grid drawing, pencil angles and negative space drawing. Work in this class is two dimensional, and students learn to depict space and depth on a flat surface. This class builds foundation skills for students who wish to audition for CI art in 7<sup>th</sup> grade.

## MUSIC

### BEGINNING INSTRUMENTS/STRINGS/PERCUSSION/BRASS/WINDS

These courses are designed to fit the needs of the instrumental music student by providing an exploratory situation for the student interested in learning a musical instrument. It also provides a situation for the student who has previously played an instrument and needs to improve musical skills. This may include orchestra strings, percussion, and woodwinds/winds.

### MUSIC PRODUCING/SONGWRITING *(Half year for 8th grade only)*

Students in the Music Producing/Songwriting class will gain experience writing and producing music to fit multiple mediums such as radio, popular music, and film/TV. Students will learn the history of recorded music and how it has developed over the past century as well as to listen critically to all musical styles. They will learn to use Garage Band as a music recorder and sequencer. Prior musical knowledge is a benefit but not required.

### CHORUS

This course is designed to foster good vocal technique. The student will receive fundamental instruction in vocal production and blend. The student will be given the chance to explore the field of vocal music with others who have the same curiosities. This class is a good feeder system for the “Creative I” strand. The student will be encouraged to move to that higher level of proficiency.

### CI CHORUS (Full Year)

The course is designed to promote expertise in large vocal ensemble procedures and performances. Proper vocal techniques and note reading are stressed as well as memorization and organizational skills. Three and four part harmonies are utilized. The student must pass an entrance audition and maintain a high standard of proficiency in CI Chorus.

### CI ORCHESTRA (9<sup>th</sup> period)

This is the school’s performing group that provides for the musical growth of the young musician. Music is selected that will challenge the student’s performance on his/her instrument and prepare the student to continue musical study at the high school level. Each member is exposed to a great variety of musical styles and receives many opportunities to perform. Entrance into this course is by audition only.

### CI JAZZ BAND (Full Year)

The Jazz Band is a small performing group. The music performed is representative of many jazz and popular styles. Basic jazz techniques are taught, including beginning jazz improvisation. The chances exist for many performing experiences including ensemble and solo exposure. Entrance into this course is by audition. \*CI Jazz Band is offered Period 0 (before school).

## **DANCE**

### **BEGINNING DANCE (Full Year) for 6<sup>th</sup> grade only**

This course will introduce students to the elements of dance, which include the following: space, shape, levels, rhythm, energy qualities and intention. Students will be exposed to ballet fundamentals, modern dance, jazz and world dance forms. They will have the opportunity to create short movement studies using the elements of dance with their peers while learning from the Glenfield Dance Ensemble repertoire. In addition to developing their technical skills and creativity, students will have the opportunity to showcase their work in the Winter Dance Concert and an informal day concert in June as part of their dance final exam. This course has an open enrollment policy.

### **INTERMEDIATE DANCE (Full Year) for 6<sup>th</sup> and 7<sup>th</sup> grades**

This course is designed for students who have demonstrated a basic knowledge of dance fundamentals and elements. Students will study ballet, modern dance, and jazz and world dance forms. The emphasis will be on expanding their strength, flexibility, musicality, and ability to express the choreographic intention of a dance. Students will learn dances from the Glenfield Dance Ensemble repertoire and choreograph short dance pieces with their peers to perform in the Winter Dance Concert. They will also perform in an informal day concert in June as part of their dance final exam. Placement in this class is by audition and approval from the dance faculty.

### **ADVANCED – INTERMEDIATE DANCE (Full Year) for 7<sup>th</sup> and 8<sup>th</sup> grades**

The Advance Intermediate level course is designed for students who have mastered the intermediate level fundamentals and are ready to expand their technical and performance skills. They will study multiple dance techniques in depth and learn more advanced dances from the Glenfield Dance Ensemble repertoire. Students will be given opportunities to choreograph their own dance pieces and they will perform in the Winter Dance concert and in the informal day concert in June as part of their dance final exam. Placement in this class is by audition and approval from the dance faculty.

### **CI DANCE (Full Year) for 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grades**

This advanced level course is designed for students who have demonstrated a high technical ability and interest in dance and who are motivated to experience multiple dance techniques in depth. Ballet, modern dance, jazz and world dance forms, improvisation and choreography are taught in “Creative I” dance classes. Guest choreographers are invited to set dance pieces for these advanced level classes. There is an emphasis on developing the students’ choreographic, technical and performance skills. Students will gain an appreciation of the historical and cultural roles that dance has played in every world culture. The Creative I dance classes will perform in the Spring Dance Concert, as well as an informal dance concert in June that features their student choreography as part of their dance final exam. Placement in a Creative I dance class is by audition and approval of the Dance Faculty.

### **DANCE UNLIMITED**

This is an exciting introduction to the many styles of Dance Techniques. Dancers will discover the differences in styles through formal training, vocabulary, history and

performance. Simple movement sequences, elements and coordinated patterns will be demonstrated. No formal training needed.

## **PHYSICAL EDUCATION**

### **ADVENTURE EDUCATION PE (Semester & 9<sup>th</sup> Period)**

This course is designed to give an approach to physical education and life that is engaging, active and challenging, while placing a high level of expectation within a caring and supportive atmosphere. The program brings equipment and activities designed and developed by Project USE (*Urban Suburban Environment*) to our students. Activities include, but are not limited to, games, wall climbs, repelling and belaying techniques. These activities emphasize the program's purpose of developing heightened problem solving and communication skills.

### **FITNESS CENTER (Semester)**

In the fitness room, students are engaged at all times through different activities. Treadmills, rowing machines, xbox kinect, wii fit, p90x, and other interactive games to increase their heart rate. Through the use of technology the students can achieve their fitness goals. In addition, students play multiple sports outside such as ultimate frisbee, soccer, football, basketball and other sports.

### **TEAM SPORTS PE (Semester 1)**

Students will participate in team sports such as soccer, kickball, flag football and volleyball.

### **TEAM SPORTS PE (Semester 2)**

Students will participate in team sports such as basketball, track & field, softball and tennis.

### **FALL SPORTS (9th Period Marking Period 1)**

The purpose of this course is to provide learning experiences that will lead to the development of basic skills in team sports. An emphasis will be placed on the use of the game stages and movement framework as a guide for designing a variety of sport game experiences for students in grades 6-8. Sports will include soccer, football, spike ball, and kickball.

### **WINTER SPORTS (9th Period Marking Period 2)**

The purpose of this course is to provide learning experiences that will lead to the development of basic skills in team sports. An emphasis will be placed on the use of the game stages and movement framework as a guide for designing a variety of sport game experiences for students in grades 6-8. Sports will include volleyball, pickle ball, basketball, floor hockey, spike ball.

### **SPRING SPORTS (9th Period Marking Period 3)**

The purpose of this course is to provide learning experiences that will lead to the development of basic skills in team sports. An emphasis will be placed on the use of the

game stages and movement framework as a guide for designing a variety of sport game experiences for students in grades 6-8. Sports will include tennis, soccer, basketball, spike ball, ultimate frisbee.

## **FAMILY AND CONSUMER SCIENCE**

### **DISCOVERING COOKING AND SEWING**

This course will include one marking period of instruction in cooking and nutritional basics. Students will be introduced to the Food Guide Pyramid, the six nutrients and cooking terms, equipment and measuring. The second marking period will cover the basics of hand sewing. Students will utilize this hand sewing knowledge by completing a sewing project.

### **EXPLORING FOODS AND CLOTHING**

The course will include one marking period of instruction in food preparation and nutrition. Students will be instructed in the five food groups, the foods found in each, their nutritional value and food quality, selection, and preparation. They will review the cooking basics of measuring, terms, equipment and recipe reading. The second marking period will cover the basics of hand and machine sewing. Students will utilize this sewing knowledge by completing a hand or machine-sewn project.

### **INTERNATIONAL FOODS**

The course will include instruction in foods and nutrition with an emphasis on cooking methods, ingredients and special equipment of international cuisines. Students will apply this information and cooking skills by completing written recipes. Students will also complete research on various nutritional topics. Financial management topics such as budgeting, spending, saving, and earning money will also be completed.

### **SEWING (9<sup>th</sup> period)**

Students will learn to sew by completing a project that teaches the basics. Students will also learn how to read pattern symbols, how to operate a sewing machine and how to develop skills by completing a personal sewing project.

### **COSTUMES (9<sup>th</sup> period)**

Having previously demonstrated success in clothing construction, the student in this class will investigate different methods of using clothing construction techniques to help create and construct costumes needed for school productions. Students need to submit sewing samples to the teacher for inclusion in this class.

### **COMMUNITY SERVICE (9<sup>th</sup> period)**

Do you need to log Community Service hours? Or feel the spirit of volunteerism? This is a project based class that will benefit members of our own community. This class will participate in initiatives such as, Project Linus, where students make blankets for kids who are hospitalized.

## **THEATER ARTS**

### **ACTING - (6<sup>th</sup> grade)**

This course will cover a broad spectrum of skills that will be explored in the creative process of acting. These skills (including expansion of vocal and physical abilities, emotional and sensory awareness, improvisational skills, etc.) will be focused toward introducing the actor to the six basic steps in Stanislavsky's "System of Acting".

### **ACTING – (7<sup>th</sup> grade)**

This course is designed to give an in-depth exploration of the basic principles of acting introduced in the 6<sup>th</sup> Grade. An expansion of character analysis and transformation will be focused toward advanced work in scene and monologue study, as well as a detailed study of the human voice and how the actor uses it, movement analysis and how physical exploration can help to create character for an actor.

### **ACTING - (8<sup>th</sup> grade)**

The 8<sup>th</sup> Grade Drama curriculum provides advanced training in acting with an emphasis on defining and understanding style, textual/language analysis, Greek Drama, Commedia Dell' Arte, Renaissance/Elizabethan period style and 20<sup>th</sup> Century Modern and Absurdist plays.

### **MUSICAL THEATRE**

This class will examine the musical theatre canon—the scripts, scores, performers (i.e. Ethel Merman, Angela Lansbury, Pattie Lupone, Zero Mostel, John Raitt, Brian Stokes Mitchell), composers (i.e. Rodgers & Hammerstein, Kander & Ebb, Sondheim) and anything and everything you ever wanted to know about a Broadway Musical. Students will sing, perform monologues, watch film clips and famous performers/performances and read selections from important scripts. Each student will learn and be coached on individual Musical Theatre song and a monologue or scene, to be presented at a recital at the end of the semester.

### **CI ACTING (Full Year)**

This course is designed to expose students to all facets of theatre. It introduces vocal and physical skills, use of imagination and observation, sensory and emotional recall and scene and monologue work. Improvisation and theater games are utilized.

### **MUSICAL PRODUCTION (Full Year)**

This course is a full year course culminating in a full-length musical production. Students audition for specific roles, rehearse musical numbers, learn choreography & staging and present performances at the end of school year. *NOTE: After school rehearsals are held during the months of April and May.* Students who are selected and accept a spot in the musical must adhere to the rehearsal schedule. Acceptance to this class is based on an audition.

## **TECH CREW**

Ever wonder how the lights and sound work in a theatre? How a set is constructed? This class will introduce basic elements and terminology that define technical theatre and review the production process of a show from its initial design through performance. We'll examine theatre from many different perspectives: lighting, sound, scenery building, and how to move scenery for a play. This class will have *SOME* required evening participation supporting Glenfield events.

## **LANGUAGE ARTS**

### **INTERACTIVE SCI FI**

In Interactive Science Fiction, students will create and build items related to science fiction. They will apply STEAM strategies for creating projects related to themes covered in class and work on creating short science fiction pieces through writing and video technology. Excerpts from Science Fiction novels, short stories and films will be used to explore the ever changing genre. Permission slip required to watch film and use tools.

### **SPEAK UP!**

Have a fear of public speaking? Want to gain confidence when talking in front of a group of people? If so, this class is for you! In your life, no matter your occupation, at some point you will be asked to deliver a presentation. This course will give you the opportunity to develop and strengthen skills in preparing and presenting public oral presentations in a variety of situations. Students will learn how to research, outline, and deliver short, informal presentations as well as longer speeches that cover a variety of topics such as personal stories, famous movie speeches, and historical keynotes.

### **CREATIVE WRITING**

In Creative Writing, students will learn tips and tricks for writing and revising work. Students will write original pieces of literature. Prompts will be used as well as strategies to brainstorm ideas. Students will use the writing process to create published works: stories, children's books, songs, poems. Technology will be incorporated through Google Classroom, presentations, Storyboards, and animations/movie making.

### **LITERATURE LABS (Full Year)**

Program provides academic support to students in grades 6-8 in language arts. Students are identified for the program based on: the final report card grade and/or standardized test scores (from the previous year in language arts), along with teacher recommendation. Students selected for the program at the end of each academic year receive services from September to June of the next school year. Glenfield identified students have Literature Lab classes with certified teachers in Language Arts. This class is in addition to their regular House basics.

## **MATHEMATICS**

### **MATH LABS (Full Year)**

This program provides academic support to students in grades 6-8 in mathematics. Students are identified for the program based on: the final report card grade and/or standardized test scores (from the previous year in math), along with teacher recommendation. Students selected for the program at the end of each academic year receive services from September to June of the next school year. Glenfield identified students have Math Lab classes with certified teachers in mathematics. This class is in addition to their regular House basics.

### **GEOMETRY**

This course is for students that are interested in taking an additional math course along with their Algebra B.

## **TECHNOLOGY**

### **ESSENTIAL TECHNOLOGY**

Students will learn basic operations and concepts including keyboarding, Google tools, and management strategies for organizing their electronic world using school and home computer systems.

### **3D DESIGN**

Combine art, design, and technology in 3D printing. Learn how to build and print 3D models using various online design programs. Start from a sketch and end with holding your print in the palm of your hand!

### **DIGITAL MEDIA**

Students create, manipulate, and use print media, audio recordings, video recordings, and websites to communicate information and ideas effectively to multiple audiences.

### **DIGITAL CITIZENSHIP**

This course is designed for Middle School Students entering High School who are learning to use the Internet as a social and educational tool. It supplies common sense tips for staying safe while using a wide range of network-based tools. We study law cases and current events that have affected teens in the United States and across the world.

## **FILM PRODUCTION**

Students will create mini films on a variety of topics using Glenfield's state of the art technology facilities. Green screen, special effects and video production software will be introduced.

## **ADVANCED 3D DESIGN**

Using our advanced 3D printing skills we will focus on areas of design technology and innovation. This class requires a background in 3D printing and manipulation. Students in this class will have access to Glenfield's Maker space Studio.

## **CODING 2.0 (9th period)**

Glenfield Coding curriculum is designed to teach students computational thinking and core computer science concepts. Throughout this class, students learn the fundamentals of programming found in all object-oriented programming languages.

## **BROADCAST MEDIA (9th period)**

Students will create and star in their own television sports broadcast, filmed and produced by Glenfield students. Shows are published, saved and could be shared throughout the community.

## **21ST CENTURY SKILLS**

### **SURVIVE**

*The wind howls as it passes through the cracked and windowless buildings surrounding you on all sides. You pick your way carefully down streets clogged with rusted, abandoned cars. Your eyes nervously follow every slight movement, your head swivels as you try to locate the source of every sound... What was that? Was that the wind, or did something else moan? Where are those dragging footsteps coming from? What would you do in this scenario? **Are you prepared to survive the zombie apocalypse?** You will learn how to survive in an undead world in this course. We will design the ultimate survival kit, use basic cartography to create the safest course through different types of terrain, create temporary zombie-proof structures using natural material, learn about zombie-human anatomy, and explore the history of the zombie phenomenon. Survive, and thrive, in a world dominated by those who are no longer alive!*

## **EXOPLANET**

*Exoplanet: A planet that orbits a star outside of our solar system.*

We are not alone. Scientists discovered hundreds of exoplanets close to us in the Milky Way galaxy. We know that there are billions of galaxies in our unthinkably enormous universe. How could we possibly be alone?

You will stretch your creativity to the limit as you design the anatomy, culture, and technology related to a dominant species from a recently discovered exoplanet. You will decide how your species develops, and make decisions that will affect your species' lives. Will your species be peaceful? Intelligent? Warlike? What will happen when your species develops the ability to travel to other exoplanets? Your decisions affect the lives of billions. Choose wisely!

## **DO YOU WANT TO BE A MILLIONAIRE?**

What do you need to become the next Bill Gates, Elon Musk, Mark Cuban, Sean Combs or Mark Zuckerberg? This course investigates what happens before you find success. Learn about the world's wealthiest business people before they discovered success. Shop for a home, shop for a car and apply it to your personal budget, then create your own small business and present it to the Shark Tank. An understanding of personal success through digital activities, videos and group projects will be explored.

## **SCIENCE OLYMPIAD / ROBOTICS TEAM (9th period - Full Year)**

Members of the Science Olympiad and Robotics teams will prepare for these competitions in this full year 9<sup>th</sup> period course. Students can try out for a spot on either of these teams in early September.

# **SCIENCE**

## **NATURAL DISASTERS**

Natural Disasters happen all over the world. They're not limited to one specific country or climate. There are many types of natural disasters and the world has seen how devastating and powerful they can be. Students will complete science labs and engineering projects to investigate these deadly events. Their projects will not just be about learning about each type of disaster, but also ways to prevent these disasters from causing so much damage. Climate change will be an important topic in class, and students will learn that they play a very important role in the future of our planet.

## **EXPERIMENTAL DESIGN**

Students will learn the steps of the scientific method through labs that they have independently designed. Students will develop these labs by observing their environment, watching different science demonstrations, or just remembering questions that they have always been curious about. The final activity of the class will have students competing in a mini science fair, where they're able to show off their work that they have completed in the course.

## **CRIME SCENE INVESTIGATION**

In this course students will learn the basics of working a crime scene which is to observe, assess, search, collect, document and analyze. Using a hands on approach, students have the opportunity to recreate a crime scene, learn how sketch out crime scenes and collect evidence. Students will also learn about various aspects of forensic science and learn about the different collection methods for physical evidence such as blood, fibers, fingerprints and other types of evidence that can be collected at a crime scene.

## **SOCIAL STUDIES**

### **LET'S RECAP**

Why are current events important? How do current events affect your life? In this class we will discuss local, state, national and international current events. Students will learn to effectively communicate ideas to others through speaking and writing. Additionally, students will understand the importance of textual evidence when writing their opinions about a news topic. With daily discussions about exciting news events, students will become successful in analyzing and evaluating important current issues.

### **THE TIME WAS THE 1960S**

This course presents the culture and history of the 1960s in the U.S. through discussion, debates, documentaries, research and group projects. Some of the topics that will be covered include the Civil Rights Movement, MLK Jr , JFK, The Vietnam War, The Women's Movement, pop culture and The Space Race.

## **SOCIAL EMOTIONAL LEARNING**

### **MINDFULNESS**

This enrichment class is all about stress management mostly through mindfulness and meditation. Students will learn how valuable quiet reflection can be and how to incorporate this into their daily lives. This class will also take time to explore other stress management tools such as how to become more organized and efficient. We will also discuss diet, sleep, exercise, hydration and emotions for healthy minds and bodies.

Revised 6/08/18