

QISS Middle School Curriculum Guide



QISS STUDENTS ARE

Passionate and active human beings who act with vitality and demonstrate a positive attitude, a strong sense of enthusiasm, and who play an active role in their communities;

Courageous individuals who act on their principles with integrity and honesty, and with a strong sense of fairness, justice and respect for others;

Sensitive communicators who express their ideas in multiple languages and take into consideration the values, traditions, and beliefs of others;

Intelligent, life-long learners who critically and creatively think and who effectively inquire about the world around them;

Compassionate global citizens who show empathy toward the needs and feelings of others and who have a personal commitment to community service.

QINGDAO #1 INTERNATIONAL SCHOOL OF SHANDONG (QISS)

QISS provides an English language-based, college-preparatory educational program to students of the expatriate community residing in Qingdao. The school is accredited by the Western Association of Schools and Colleges (WASC). The purpose of the school is to meet the educational needs of children of the expatriate community and to enable them to gain acceptance to the finest schools and universities throughout the world.

THE QISS MISSION

Provide a challenging academic program that develops the core character traits of vitality, courage, sensitivity, intelligence and compassion.



Middle School at QISS

GRADES 6-8

Students take a pre-set program of classes that includes Language Arts, Mathematics, Science, Social Studies, Chinese, Physical Education, Visual Art, Music, Drama, Informational Technology, and Health.



- Situated on a state-of-the-art, purpose-built campus located in the eastern portion of Qingdao.
- QISS has small class sizes, an inspiring and supportive faculty, on-site AP classes in ten subject areas.
- The Upper School offers a wealth of enriching, after-school activities, including sports, arts student government, and MUN.

GRADES 6-8

The program is based on a rigorous and well-rounded curriculum that provides students the opportunity to experience a panoply of age-appropriate courses related to language, science, mathematics, technology, physical education and the arts. Classes are taught using an inquiry-based approach that lends itself to inter-disciplinary projects and are assessed through performance-based authentic assessments or Key Assignments.



The Common Core at QISS: Reading

READING SKILLS

Reading skills in the Upper School are tied to four specific skill sets: identifying and understanding key ideas and details, appreciating writing craft and structure, integrating background knowledge and ideas to fresh reading material, and being able to read from a range of different levels of literature and informational text.

READING SUB-SKILLS

Each reading skill is based on one or more sub-skills including: the ability to read closely and carefully, being able to pick out main ideas from a reading passage, distinguishing how people, events and ideas develop, interpreting language, analyzing text structure, evaluating the point-of-view of the writer, evaluating overall content, evaluating claims, comparing and contrasting different types of readings, and reading from texts of varying levels of complexity.



Common Core standards for reading literature and informational text

Key Ideas and Details

1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.
2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.
3. Analyze how and why individuals, events, and ideas develop and interact over the course of a text.

Craft and Structure

4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.
5. Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.

- The curriculum at QISS follows U.S. Common Core standards for Language Arts, Mathematics, and Literacy in Social Studies, Science, and other technical subjects.
- Classes are taught using an inquiry-based approach with an emphasis on interdisciplinary projects and authentic assessments.

6. Assess how point of view or purpose shapes the content and style of a text.

Integration of Knowledge and Ideas

7. Integrate and evaluate content presented in diverse formats and media, including visually and quantitatively, as well as in words.
8. Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence.
9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.

Range of Reading and Level of Text Complexity

10. Read and comprehend complex literary and informational texts independently and proficiently.



The Common Core at QISS: Speaking, Listening, and Language

SPEAKING AND LISTENING

Speaking and listening skills in the Upper School are tied to two specific skill sets – comprehension of expressions and collaboration with others, and presenting knowledge and ideas.

LANGUAGE SKILLS

Language skills are based on three main skill sets: knowledge and utilization of standard grammar and spelling rules, general knowledge about how language functions, and the acquisition and everyday use of the English language.

COMMON CORE IN ALL CLASSES

English is the language of instruction and communication at QISS. As such, the standards pertaining to reading, speaking, listening, and language are common to all classes at QISS.



Common Core standards for language

Conventions of Standard English

1. Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.
2. Demonstrate command of the conventions of Standard English capitalization, punctuation, and spelling when writing.

Knowledge of Language

3. Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening.

Vocabulary Acquisition and Use

4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate.
5. Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.
6. Acquire and use accurately a range of general academic and domain-specific words and phrases sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

Common Core standards for speaking and listening

Comprehension and Collaboration

1. Prepare for and participate effectively in a range of conversations and collaborations with diverse partners, building on others' ideas and expressing their own clearly and persuasively.
2. Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.
3. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric.

Presentation of Knowledge and Ideas

4. Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience.
5. Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations.
6. Adapt speech to a variety of contexts and communicative tasks, demonstrating command of formal English when indicated or appropriate.



The Common Core at QISS: Mathematics

COMMON CORE MATHEMATICS

All mathematics courses at QISS involve the acquisition and constant practice of a number of basic numeracy skills. That is exactly what the Common Core for Mathematics provides. So whether a student is entering into our Grade 6 Math course or our AP Calculus course, these basic skills will be reinforced.



Common Core standards for Number and Quantity

1. The Real Number System
 - Extend the properties of exponents to rational exponents
 - Use properties of rational and irrational numbers.
2. Quantities
 - Reason quantitatively and use units to solve problems
3. The Complex Number System
 - Perform arithmetic operations with complex numbers
 - Represent complex numbers and their operations on the complex plane
 - Use complex numbers in polynomial identities and equations
4. Vector and Matrix Quantities
 - Represent and model with vector quantities
 - Perform operations on vectors
 - Perform operations on matrices and use matrices in applications.

Common Core standards for Algebra and Functions

1. Seeing Structure in Expressions
 - Interpret the structure of expressions
 - Write expressions in equivalent forms to solve problems
2. Arithmetic with Polynomials and Rational Expressions
 - Perform arithmetic operations on polynomials
 - Understand the relationship between zeros and factors of polynomials
 - Use polynomial identities to solve problems
 - Rewrite rational expressions
3. Creating Equations
 - Create equations that describe numbers or relationships
4. Reasoning with Equations and Inequalities
 - Understand solving equations as a process of reasoning and explain the reasoning
 - Solve equations and inequalities in one variable and solve systems of equations
 - Represent and solve equations and inequalities graphically
5. Interpreting Functions
 - Understand the concept of a function and use function notation
 - Interpret functions that arise in applications in terms of the context
 - Analyze functions using different representations
6. Building Functions
 - Build a function that models a relationship between two quantities
 - Build new functions from existing functions
7. Linear, Quadratic, and Exponential Models
 - Construct and compare linear, quadratic, and exponential models and solve problems
 - Interpret expressions for functions in terms of the situation they model
8. Trigonometric Functions
 - Extend the domain of trigonometric functions using the unit circle
 - Model periodic phenomena with trigonometric functions
 - Prove and apply trigonometric identities



The Common Core at QISS: Mathematics

FOCUS ON SKILLS

The Common Core at QISS focuses on five basic sets of mathematical skills that run throughout at Upper School courses. They are: basic number and quantity skills, algebraic skills, skills involving the use and manipulation of functions, geometric skills, and skills relating to the use and application of statistics and probability.



Common Core standards for Statistics and Probability

1. Interpreting Categorical and Quantitative Data
 - Summarize, represent, and interpret data on a single count or measurement variable
 - Summarize, represent, and interpret data on two categorical and quantitative variables
 - Interpret linear models
2. Making Inferences and Justifying Conclusions
 - Understand and evaluate random processes underlying statistical experiments
 - Make inferences and justify conclusions from sample surveys, experiments and observational studies
3. Conditional Probability and the Rules of Probability
 - Understand independence and conditional probability and use them to interpret data
 - Use the rules of probability to compute probabilities of compound events in a uniform probability model
4. Using Probability to Make Decisions
 - Calculate expected values and use them to solve problems
 - Use probability to evaluate outcomes of decisions

Common Core standards for Geometry

1. Congruence
 - Experiment with transformations in the plane
 - Understand congruence in terms of rigid motions
 - Prove geometric theorems
 - Make geometric constructions
2. Similarity, Right Triangles, and Trigonometry
 - Understand similarity in terms of similarity transformations
 - Prove theorems involving similarity
 - Define trigonometric ratios and solve problems involving right triangles
 - Apply trigonometry to general triangles
3. Circles
 - Understand and apply theorems about circles
 - Find arc lengths and areas of sectors of circles
4. Expressing Geometric Properties with Equations
 - Translate between the geometric description and the equation for a conic section
 - Use coordinates to prove simple geometric theorems algebraically
5. Geometric Measurement and Dimension
 - Explain volume formulas and use them to solve problems
 - Visualize relationships between two-dimensional and three-dimensional objects
6. Modeling with Geometry
 - Apply geometric concepts in modeling situations



GRADE 6 COURSES OFFERED AT QISS

Language Arts
Mathematics
Integrated Science I
Geography
Chinese (various levels)
Band
Art
Theatre
Physical Education
Health
Information Technology
(integrated into other subjects)

MIDDLE SCHOOL ORIENTATION

Each spring, Grade 5 students and parents are provided an orientation session to learn about the major changes that await them in Middle School.

These changes include:

- A different teacher for almost every subject
- An eight block schedule with 90 minute lessons
- More responsibility for their own learning.

Grade 6 at QISS:



Language Arts

Grade 6 **Language Arts** focuses on reading and understanding different types of literature, practicing proper English grammar, learning the definitions and spelling of new vocabulary, working through all the steps of the writing process, and presenting ideas in various types of speech formats.

Students learn a variety of strategies to help them interpret a variety of texts, read fluently using the skills and strategies of the reading process, and understand the meaning of what is read. Students also use the steps of the writing process, write clearly and effectively, use grammatical and mechanical conventions.

Mathematics

The Grade 6 **Math** course is designed to prepare new middle school students for beginning algebra and for ensuring their foundational skills are secure in all areas. Decimal operations, data and statistics, number patterns and fractions, fraction operations, and integers are covered in this course. Equations, inequalities, and functions also introduce students to basic algebra skills. Further, ratios and proportions and percents are emphasized in this class.

Advisory

The first 30 minutes of every day are spent in Advisory. Each homeroom has one or more advisors that work closely with a small group of students, allowing them to get to know their group extremely well. During this time they work on their student portfolios, perform a weekly challenge that requires them to work as a team, practice reading comprehension strategies, and write and reflect on student life at QISS. Advisors will keep on top of their students' grades and act as an advocate for them in the school.

Integrated Science I

The Grade 6 **Integrated Science** course is an **Integrated Science** program allowing students to study topics in biology, physics and chemistry. There is an emphasis on learning through laboratory work and understanding science in our daily lives.

The topics we will explore this year are Solutions and Evaporation, The Variety and Needs of Living Things, and The Earth's Surface and Soils..

Geography

In Grade 6 **Geography**, students use the themes and tools of geography to analyze the regions of North and South America, Europe, Africa and Asia.

The main topics include: the five themes of geography, the geographer's tools, the geography, culture, and history of North America, South America, Europe, Africa, and Asia.

Students will understand the concepts of geography and demography and how these both influence and are influenced by human history.

Health

The Grade 6 **Health** class approaches a wide variety of topics including Injury Prevention and Safety; Alcohol, Tobacco and other Drugs; as well as Mental, Emotional and Social Health.



Developing
Mindful Hearts

ASSESSMENT

In addition to the daily, ongoing formative assessment that take place in the classroom, Middle School students generally take part in one Key Assignment per quarter. Key Assignments are project-based, summative, authentic assessments in which students demonstrate the knowledge and skills acquired in multiple subject areas.

MIDDLE SCHOOL ARTS ROTATION

We believe it is important to expose Middle School students to a wide variety of subjects so they can make educated choices about their High School electives. To that end, all Middle School students take Band, Art and Theatre on a rotating basis throughout the year.

Grade 6 at QISS:



Chinese

Grade 6 students are placed in an appropriate **Chinese** class based on their language skills.

- Level 1 students focus on establishing a solid foundation for Chinese learning, emphasizing listening speaking, reading and writing.
- Level 2 students further their language development by focusing on major topics of daily life and Chinese culture through conversations, stories, and legends.
- Level 3 students focus on Chinese history and appreciation of literature. Students continue to advance their reading and writing skills while developing an understanding of Chinese literature and learning to recite some famous works.

Information Technology

The Grade 6 **Information Technology (IT)** curriculum is infused into other Grade 6 subjects. The IT teacher collaborates with various teachers to make sure IT skills are being covered.

Students are introduced to accurate and efficient keyboarding to help develop their typing skills. Beginner to intermediate skills in Microsoft Word and PowerPoint are also covered. Students will learn to identify basic trouble shooting techniques.

Emphasis is placed on safe, secure and ethical online interactions. They will also learn some of the basic methods of identifying online hoaxes, potential virus threats and protecting their computers from malware.

Band

Grade 6 **Band** students learn to play a wind or percussion instrument as part of an ensemble in one of two levels of Middle School Band. Students are grouped according to their band experience, resulting in mixed-grade ensembles consisting of flutes, clarinets, saxophones, trumpets, trombones, and drums.

The primary focus of the program is for students to appreciate music from a performer's perspective. Students learn to read music, develop technique on their instrument and listen to others in order to create a well-balanced sound. Public performances are an integral part of the curriculum.

Art

Middle School **Art** is a mixed grade level class which focuses on developing students' visual literacy and furthering their understanding of the elements and principles of design. The course is designed to build upon their prior knowledge and experiences in art and will provide opportunities to create, critique, and converse about art.

Theatre

Middle School **Theatre** class begins to explore the basics of theatre, improvisation, staging a play, fundamentals of acting, and pantomime. The class is mainly project based with a strong focus on the elements of staging an effective scene. Elements of conflict management are weaved into the class, focusing on dealing with the trials and tribulations of being a young adult. Theatrical scenes and exercises allow the students to reflect on how they deal with the many issues they encounter on their journey to adulthood.

Physical Education

In Grade 6 **Physical Education (PE)**, students are introduced to many activities and learning experiences in the areas of motor and movement (emphasizing volleying, throwing, and striking objects with implements), games, gymnastics, dance, aquatics and fitness. They will show knowledge of concepts, principles and strategies related to all of these areas. In order to foster a lifelong love of physical activity and to maintain a healthy lifestyle, it is vital that students experience success and enjoyment while being exposed to a wide variety of activities.



GRADE 7 COURSES OFFERED AT QISS

Language Arts
Mathematics
Integrated Science II
Ancient Civilizations
Chinese
Band
Art
Theatre
Physical Education
Health
Information Technology
(integrated into other subjects)

ELL SUPPORT

ELL support in the Middle School is targeted towards supporting learning in the content area classrooms, particularly Social Studies and Science. This support includes skill development, vocabulary development, and visual/hands-on learning. Depending on the course and students' needs, support can be individual, in small groups, or with the entire class. The objective of ELL support is to provide additional assistance to students who may have difficulties achieving academic success in their classes and at the same time help those students develop the skills and strategies that will allow them to succeed independently in an English language environment.

Grade 7 at QISS:



Language Arts

Grade 7 **Language Arts** focuses on reading and understanding different types of literature, practicing proper English grammar, learning the definitions and spelling of new vocabulary, working through all the steps of the writing process, and presenting ideas in various types of speech formats. The main topics include: The elements and genres of literature, reading analysis, the writing process, grammar, spelling, and vocabulary building.

Students will learn a variety of strategies to help them interpret a variety of texts, read fluently using the skills and strategies of the reading process, and understand the meaning of what is read. Students will also use the steps of the writing process, write clearly and effectively, use grammatical and mechanical conventions.

Mathematics

Grade 7 Math is an **Integrated Math** program allowing students to study topics in algebra, geometry, number, discrete math, statistics & probability. Students will also learn how to apply mathematical theory to everyday living. The program builds the knowledge and skills necessary to understand and apply mathematics in higher grades.

Advisory

The first 30 minutes of every day are spent in **Advisory**. Each homeroom has one or more advisors that work closely with a small group of students, allowing them to get to know their group extremely well. During this time they work on their student portfolios, perform a weekly challenge that requires them to work as a team, practice reading comprehension strategies, and write and reflect on student life at QISS. Advisors will keep on top of their students' grades and act as an advocate for them in the school.

Integrated Science II

Grade 7 Science is an **Integrated Science** program allowing students to study topics in biology, physics and chemistry. There is an emphasis on learning through laboratory work and understanding science in our daily lives.

The topics we will explore this year are ecology and energy flow, respiration and breathing, circulation and blood, and sound and hearing.

Ancient Civilizations

In **Ancient Civilizations**, students explore the history and cultures of the oldest civilizations on earth in an attempt to help them better understand the world they live in. Special focus is placed on building an understanding of historical perspective and cause and effect, as well as developing skills in historical inquiry, analysis, and critical thinking. The main topics include: prehistory, archaeology, the Fertile Crescent, Ancient Egypt, Ancient Greece, and Ancient China.

Health

The Grade 7 **Health** class approaches a wide variety of topics including Nutrition and Physical Activity; Growth and Development; Injury Prevention and Safety; Alcohol, Tobacco and other Drugs; Mental, Emotional and Social Health; as well as Personal and Community Health.



ASSESSMENT

In addition to the daily, ongoing formative assessment that take place in the classroom, Middle School students take part in one Key Assignment per quarter. Key Assignments are project-based, summative, authentic assessments in which students demonstrate the knowledge and skills acquired in multiple subject areas.

MIDDLE SCHOOL ARTS ROTATION

We believe it is important to expose Middle School students to a wide variety of subjects so they can make educated choices about their High School electives. To that end, all Middle School students take Band, Art and Theatre on a rotating basis throughout the year.

Grade 7 at QISS:



Chinese

Grade 7 students are placed in an appropriate **Chinese** class based on their language skills.

- Level 1 students focus on establishing a solid foundation for Chinese learning, emphasizing listening speaking, reading and writing.
- Level 2 students further their language development by focusing on major topics of daily life and Chinese culture through conversations, stories, and legends.
- Level 3 students focus on Chinese history and appreciation of literature. Students continue to advance their reading and writing skills while developing an understanding of Chinese literature and learning to recite some famous works.

Information Technology

The Grade 7 **Information Technology (IT)** curriculum is infused into other Grade 7 subjects. The IT teacher collaborates with various teachers to make sure IT skills are being covered.

In Grade 7 **Information Technology (IT)**, students are introduced to accurate and efficient keyboarding and help develop their skills. Intermediate skills in Microsoft Word and PowerPoint are covered. Students will learn to identify basic trouble shooting techniques. Students will also learn how to use advanced design and programming tools like Scratch and 3d Modeling in Sketchup.

Emphasis is placed on safe, secure and ethical online interactions. They will also learn intermediate to advanced methods protecting themselves from hoaxes, potential virus threats and protecting their computers from malware.

Band

Grade 7 **Band** students learn to play a wind or percussion instrument as part of an ensemble in one of two levels of Middle School Band. Students are grouped according to their band experience, resulting in mixed-grade ensembles consisting of flutes, clarinets, saxophones, trumpets, trombones, and drums.

The primary focus of the program is for students to appreciate music from a performer's perspective. Students learn to read music, develop technique on their instrument and listen to others in order to create a well-balanced sound. Public performances are an integral part of the curriculum.

Art

Middle School **Art** is a mixed grade level class which focuses on developing students' visual literacy and furthering their understanding of the elements and principles of design. The course is designed to build upon their prior knowledge and experiences in art and will provide opportunities to create, critique, and converse about art.

Theatre

Middle School **Theatre** class begins to explore the basics of theatre, improvisation, staging a play, fundamentals of acting, and pantomime. The class is mainly project based with a strong focus on the elements of staging an effective scene. Elements of conflict management are weaved into the class, focusing on dealing with the trials and tribulations of being a young adult. Theatrical scenes and exercises allow the students to reflect on how they deal with the many issues they encounter on their journey to adulthood.

Physical Education

Grade 7 **Physical Education (PE)** is designed to give students the opportunity to learn, develop, and strengthen skills and knowledge of various sports and physical activities. We will be exploring different sports and activities throughout the year. Health, fitness, and nutrition will be ongoing topics in several units during the school year. The class includes activity and lecture sessions.



GRADE 8 COURSES OFFERED AT QISS

Language Arts
Mathematics
Integrated Science III
World History I
Communication Skills
Chinese
Band
Art
Theatre
Physical Education
Health
Information Technology
(integrated into other subjects)

ELL SUPPORT

ELL support in the Middle School is targeted towards supporting learning in the content area classrooms, particularly Social Studies and Science. This support includes skill development, vocabulary development, and visual/hands-on learning. Depending on the course and students' needs, support can be individual, in small groups, or with the entire class. The objective of ELL support is to provide additional assistance to students who may have difficulties achieving academic success in their classes and at the same time help those students develop the skills and strategies that will allow them to succeed independently in an English language environment.

Grade 8 at QISS:



Language Arts

The Grade 8 **Language Arts** program is designed to help students develop mature skills as readers, writers and speakers of the English language. The course covers four broad thematic units that simultaneously expose the students to the fundamentals of academic and creative writing, speaking and listening. Students will be guided through the process of critically analyzing poems, short stories, and novels from a variety of authors and genres. They will learn to become conscious of the ways that an author's choices—the tone, diction, symbolism, characterization, and other literary techniques—work together to create meaning and effect. The students' own abilities to express their ideas creatively and concisely will also be a major focus of the course. Written assignments, including formal essays, news articles, letters, stories, and poems, will encourage students to reflect on the concepts and strategies of the authors we study and to apply these techniques to their own work.

Mathematics

Grade 8 Math is an integrated math program allowing students to study topics in algebra, geometry, number, discrete math, statistics & probability. Students will also learn how to apply mathematical theory to everyday living. The program builds the knowledge and skills necessary to understand and apply mathematics in upper grades.

Advisory

The first 30 minutes of every day are spent in **Advisory**. Each homeroom has one or more advisors that work closely with a small group of students, allowing them to get to know their group extremely well. During this time they work on their student portfolios, perform a weekly challenge that requires them to work as a team, practice reading comprehension strategies, and write and reflect on student life at QISS. Advisors will keep on top of their students' grades and act as an advocate for them in the school.

Integrated Science III

Grade 8 Science is an integrated science program allowing students to study topics in biology, physics and chemistry. There is an emphasis on learning through laboratory work and understanding science in our daily lives. The topics we will explore this year are microbes, growth and reproduction, separation techniques, earth and soil and light.

World History I

In **World History I**, students investigate the foundations of today's world to help us better understand why things are the way they are. Ancient Greece and its mythology popularized by the Percy Jackson series is the first culture investigated. The course has students pass through Rome and its engineering marvels, then through the Byzantine and Russian empires. Africa and the ancient civilizations are not left in the dark. Students finish the year investigating castles, cathedrals, knights and times of the medieval period.

Health

The Grade 8 **Health** class approaches a wide variety of topics including Nutrition and Physical Activity; Growth and Development; Injury Prevention and Safety; Alcohol, Tobacco and other Drugs; Mental, Emotional and Social Health; as well as Personal and Community Health.



ASSESSMENT

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Information Technology

The Grade 7 **Information Technology (IT)** curriculum is infused into other Grade 7 subjects. The IT teacher collaborates with various teachers to make sure IT skills are being covered.

In Grade 8 **Information Technology (IT)**, students are introduced to accurate and efficient keyboarding and help develop their skills. Advanced skills in Microsoft Word, Excel and Film Making are covered. Students will learn to identify basic to intermediate trouble shooting techniques. Students will also learn how to use advanced design and illustration tools like Adobe Illustrator and Photoshop.

Emphasis is placed on safe, secure and ethical online interactions. They will also learn intermediate to advanced methods protecting themselves from hoaxes, potential virus threats and protecting their computers from malware.

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QISS Upper School Program at a Glance

Middle School Program

	English Language	Math	Social Studies	Science	Foreign Language	Physical Education	Specialist Classes	The Arts
Grade 6	Language Arts 6	Math 6	Geography	Integrated Science I	Chinese French, Spanish	PE 6	Health, IT, MUN, Advanced Band, STEM	Art, Theater Music
Grade 7	Language Arts 7	Math 7	Ancient Civilizations	Integrated Science II	Chinese French, Spanish	PE 7	Health, IT, MUN, Advanced Band, STEM	Art, Theater Music
Grade 8	Language Arts 8	Math 8	World History I	Integrated Science III	Chinese French, Spanish	PE 8	Health, IT, MUN, Advanced Band, STEM	Art, Theater Music

High School Program

	English Language	Math	Social Studies	Science	Electives (Students choose 4)
Grade 9	Language Arts 9	Math 9	World History II	Science 9	<ul style="list-style-type: none"> • 2-D Art • AP Biology • AP Calculus AB and BC • AP Chinese • AP Human Geography • AP Micro/macroeconomics • AP Studio Art • AP World History • Astronomy • Art Installation • Ceramics • Chinese HSK (Beginning, Intermediate, and Advanced) • Chinese for Native Speakers • Chorus • Computer Imaging • Concert Band • ELL Support • HTML • French I • French II • Model United Nations (MUN) • Painting • Physical Education • Student News • Theatre Production • TOEFL Preparation • Yearbook • Physics • AP English Language
Grade 10	Language Arts 10	Advanced Algebra	Modern World History	Science 10	
Grade 11	Language Arts 11	Pre-Calculus	Asian Studies	Chemistry	
Grade 12	Language Arts	Statistics (AP option)	Comparative Government (AP option)	Environmental Science	

