



Interventions.Business Literacy.Bright Futures

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Welcome to Grade 11

In 11th grade, students begin to turn their focus toward life beyond The Quaker School at Horsham. They're beginning to form a vision of what they want for their future -- and we're here to prepare them to achieve their goals.

Here at TQS, we help our students seamlessly transition into adulthood as they explore opportunities in the workforce, continued education, and independent living.

Whatever their vision, our goal remains the same: to give every 11th-grade student the skills and support they need to shine bright in their future path.



Grade 11 students learn to:

- Apply skills and strategies
- Creatively problem-solve
- Achieve individual success
- Embrace differences
- Engage in trusting relationships
- Be compassionate
- Have self-worth
- Advocate for themselves
- Feel secure in their future

A Day in 11th Grade

Sample Schedule

	11th grade					
	A	B	C	D	E	F
9:00 - 9:20	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom
9:20 - 10:30	Science 11	ELA or MATH	ELA or MATH	ELA or MATH	SS 11	Science 11
10:30-11:30	ELA or MATH	Bus Lit 300	Bus Lit 300	Word Study	Bus Lit 300	Word Study
11:30-12:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
12:00 - 12:30	ELA or MATH	Bus Lit 300	Wellness & Movement 11	Rec Therapy	Science 11	Bus Lit 300
12:30-1:00						
1:00-2:00	Word Study	Wellness & Movement 11	Yoga	FACS	Word Study	ELA or MATH
2:00-2:20	Movement Break	Movement Break	Movement Break	Movement Break	Movement Break	Movement Break
2:20-3:30	MFW / MFB	SS 11	Science 11	ELA or MATH	ELA or MATH	SS 11
3:30-3:45	Homeroom / Advisory	Homeroom / Advisory	Homeroom / Advisory	Homeroom / Advisory	Homeroom / Advisory	Homeroom / Advisory
3:45-4:00	Dismissal	Dismissal	Dismissal	Dismissal	Dismissal	Dismissal

TQS students benefit from our unique approach to project-based learning, which emphasizes inquiry, reflection, collaboration, learning through doing, stewardship, as well as differentiated instruction, which helps students learn through prescriptive, diagnostic, sequential, structured and multi-sensory teaching.

Eleventh-grade students continue to enhance their critical thinking, problem solving, and writing skills. They gain and strengthen the skills needed to thrive after leaving TQS, whether they're entering the workforce or pursuing a post-secondary education.



Course Descriptions

ENGLISH

This course goes beyond simple comprehension of a literary work's guiding features, plot, characters, and themes. Students will begin an in-depth study of literature in a variety of genres. Students will break down texts, annotate, analyze, and evaluate the effectiveness of the writing. Students will interpret the story's messages and explain how the messages apply to the time period in which it was written. Students will determine how the author used specific literary elements and word choice to enhance the overall theme and artistry of the literary work. Students will develop a critical and analytical understanding as presented through literature, poetry, and informational text both written in and about the time period and texts we are studying. In addition, we will compare texts across genres, time periods, and themes to look for critical issues related to the human condition. The texts we study help students see how each period was portrayed through the eyes of those experiencing, studying, and writing about that life.

MATH

Eleventh-grade math is designed to meet the diverse needs of all students as they prepare to enter a world where mathematical skills are of increasing importance, especially for special needs students. TQS curriculum integrates new mathematics with the old to ensure that students acquire the fundamentals while becoming familiar with the rapidly expanding frontiers in this field, and within science and technology.

TQS students take 120 hours of math during their 11th-grade year. Since TQS is student-centered and differentiates to meet the needs of every individual, we offer two math branches:

Branch 1

Math Intervention
Functional Math
Financial Algebra
Business Math

Branch 2

Pre-Algebra
Algebra 1
Geometry
Algebra II/Trigonometry



Course Descriptions

Branch 1

Math Intervention

A remedial math course (K-8) taught through concrete, pictorial, and abstract concepts.

Functional Math

A course designed for students who have had difficulties in math, need to fill in the gaps in their background, and refine skills they have learned but not mastered. The subject matter depends on students' needs and varies each year. Students use real-world applications to study skills and concepts.

Financial Algebra

Students build on and connect their prior knowledge of math concepts from other courses and apply them to real-life financial practices. Topics of study include investing, banking, credit, income taxes, insurance, and household budgeting. Students review and strengthen algebra mechanics and problem-solving skills, and better understand how algebra is used in daily life.

Business Math

Students master the skills necessary to solve business-related mathematics problems, review basic mathematics concepts, become proficient in checking and verifying data, and practice critical thinking and decision-making skills. Computerized spreadsheet applications and simulations help students apply math skills to realistic business situations that include accounting, budgets, insurance, investments, marketing, payroll, production, purchasing, sales, taxes, and warehousing. Students also learn to make graphs and tables using mathematical data.

Branch 2

Pre-Algebra

Students learn numeration, statistics, probability, computation, problem-solving and algebraic concepts. Topics include: rational numbers (fractions, decimals, and percents), operations, solving simple equations and inequalities, translating algebraic expressions, and manipulating monomials.



Course Descriptions

Algebra I

Students explore numeration, algebraic functions, introduction to geometry concepts, and problem-solving. Topics include: linear equations and inequalities, monomials and polynomials, factoring algebraic expressions, two-dimensional graphing, systems of equations, radical expressions, irrational numbers, and quadratic functions.

Geometry

Students learn geometric reasoning and proof, triangles and trigonometry, measurement, and problem-solving. Topics include: mathematical logic, points, lines and planes, parallel lines and planes, congruent triangles, quadrilaterals, polygons, right angles, and circles.

Algebra II/Trigonometry

Algebra II is an advanced examination of number sense, graphing and equations, special functions, data analysis, and probability. A large portion of this course also covers trigonometry, including basic trig ratios, identities, trig equations, inverse trig functions, and the Laws of Sines/Cosines. Calculator use is explained and expected.

HUMANITIES

World Cultures

An understanding of culture allows us to appreciate the complexity of social life and the ways in which it depends on race, class, gender, and nationality. This course mixes basic biology and physiology, history, geography, sociology, and evolution in order to understand why people are who they are, and why they do what they do. Students will explore culture in traditional as well as new, unexpected places. This course aims to explain the differences and similarities in appearance, language, culture, and perspectives.



Course Descriptions

A Material Culture: An Anthropology of Things

Throughout time, humans everywhere have made, consumed, and surrounded themselves with things. This course explores how these objects escape their intended purposes and exert power over us. Drawing on cross-cultural perspectives, it examines things from the mundane to the extravagant as mediums for the expression of identity, communication of ideas, and memory-making. Topics include consumerism, environmentalism, identity, class and inequality, crafting, and the maker movement. Students explore intersections between cultural anthropology and archaeology to understand how the study of things sheds light on societies in both the past and present. This course introduces students to a variety of theoretical and methodological approaches to the study of material culture with opportunities to apply concepts to a variety of objects.

SCIENCE

Forensic Science: Fundamentals and Investigations

This course focuses on the science used in forensic science techniques, and uses both instruction and project-based learning. Students learn descriptions of specific types of evidence and the techniques to collect, analyze, and evaluate the evidence. As students progress through the course, they refine the techniques and apply them to other areas of study. Topics of study include observations, CSI, evidence collection and analysis, forensic botany, fingerprints, DNA, blood and blood spatter, toxicology, anthropology, and cause of death.

BUSINESS LITERACY

One of the biggest factors in a student's decision to dropout of high school stems from their inability to see how their education impacts their daily and future lives -- which is why employment literacy is a key component of our Upper School program.

In 11th grade, students begin to prepare for life after TQS by preparing for job searches and internships, researching colleges, attending college rep visits, and writing resumes. In addition to direct instruction, students will participate in role playing, networking, and public speaking assignments. They'll practice the skills needed to apply for a job and be an outstanding employee, as well as the skills needed to thrive in a post-secondary learning environment. Business Literacy skills learned include:



Course Descriptions

- Goal Development: management skills, such as the ability to independently plan, organize, create and execute; and how to set and recognize strategic goals to achieve success
- Communication: how to communicate in the digital age with future employers and coworkers; how to be a good listener; the impact of body language, eye contact, hand gestures, and tone of voice on the message you are trying to convey; and the difference between personal and professional voice
- Executive Functioning: soft skills, such as time management, organization, eye contact, using a firm handshake, listening, and using empathy to read people and situations, as well as how to adapt accordingly, build trust, and connect more effectively with others
- Technology: how to differentiate yourself as an employment candidate using technical skills, such as technical writing (including word processing and emailing), spreadsheeting and data analysis, web browsing, presentation skills, coding and programming and social media savviness
- Collaboration: how to assess and manage your own emotions, as well as build meaningful professional relationships, influence and motivate others, and foster trust and collaboration in the workplace



Grade 11 students shine at The Quaker School at Horsham.

Come see for yourself! Contact us for more information or to schedule your visit.
admissions@quakerschool.org
215.674.2875, ext. 14