Grade 8 Plan
Course Descriptions

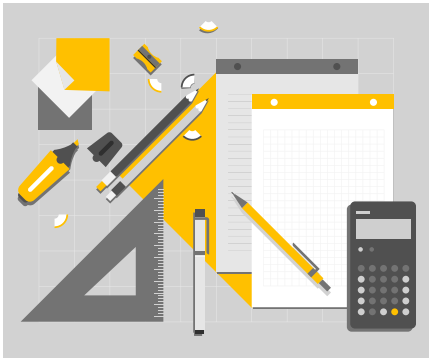
English Language Arts 8
English 8 is integrated with Social Studies 8 and offered as a year-long course. Throughout the year, students will strengthen their literacy skills through reading, writing, listening, and speaking activities. They will build a foundation in academic writing, explore literary analysis, and engage in creative expression. Students will work with a diverse range of texts and reflect on their independent reading habits to foster a deeper appreciation for literature.

Physical Education 8
Students will take part in a variety of physical activities to build a positive attitude toward active living and lifelong health. Activities will include different movement types and sports, with a focus on developing personal and social skills, teamwork, decision-making, and understanding health and nutrition. Choose BAND as your art choice to participate in PHED/BAND full year.

Mathematics 8
In Math 8, students learn to express mathematical ideas through speaking, writing, and visual tools. They solve problems using different strategies, make connections between concepts, and use logic to reach conclusions. **Mathematics 8 students are encouraged to participate in the Gauss Mathematics Contest which is held in May.**

Topics include:

- Perfect squares and cubes
- Square and cube roots
- Decimals, fractions, and percents
- Operations with fractions
- Two-step equations
- Surface area and volume
- Probability, statistics, and spatial reasoning
- Financial literacy



Science 8
Students explore key topics in biology, chemistry, physics, and earth science, including:

- Cells and the immune system
- Matter, atomic theory, and the kinetic molecular theory (KMT)
- Waves and optics
- Plate tectonics, volcanoes, and earthquakes

Through hands-on activities and labs, students build scientific skills and habits, learn to observe the world more closely, and deepen their understanding of the scientific method.

Social Studies 8
In this class, students will develop historical thinking skills by examining cause and consequence, identifying historical significance, and exploring multiple perspectives. These skills will be applied as students investigate key events and societies in world history from the 7th century to 1750, fostering a deeper understanding of how the past shapes the present.

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French 8
Bienvenue à Français 8! Students will learn basic French through simple conversations, reading and writing, and exploring Francophone culture. Activities may include a field trip to Fort Langley and QE's own Quebec winter carnival. Learning French is fun and opens doors to future education, careers, and travel opportunities.







Fine Arts 8
The Fine Arts Rotation introduces Grade 8 students (not enrolled in Band 8) to Dance, Drama, and Visual Art. Each student will rotate through all three areas, spending about six weeks in each. Students will learn basic principles and apply them through creative projects in each discipline.



ADST - Textiles 8
This course introduces students to design thinking through beginner sewing projects. In addition, students will gain valuable skills in personal and social responsibility, and communication. Students will learn about sewing and hand stitching skills to design and make a small project.

Applied Design Skills and Technology (ADST) 8 Rotation
This beginner course teaches students basic safety, tool use, and materials. Over several weeks, students will complete hands-on projects in one or more areas such as **Woodwork, Electronics, Drafting/Animation, Metalwork and Textiles** — and take their creations home.

Band 8
Band 8 welcomes all students who play or wish to learn how to play a musical instrument. The objective of this course is to have students develop and improve playing skills on concert band instruments. Students will play in a variety of musical styles and perform concerts throughout the year.