**GRADE 8 AT A GLANCE**

**ENGLISH LANGUAGE ARTS**

Analyze ends with –lyze, so paralyze, which sounds similar, likely ends the same way! Your teen will study and create their own texts, including oral, print and visual texts, as they develop listening and speaking, reading and writing, viewing and representing, and inquiry and research skills.

**HEALTH AND LIFE SKILLS**

I have an idea of what I’d like to do in the future. It is just a few years away! More than ever, your teen will see who they are and what they believe. They will begin to understand what it means to keep good relationships and make choices that help them a long way into the future.

**MATHMATICS**

Understanding ratios, rates and proportions. Your teen will understand perfect squares and square roots, and solve problems involving percents, rates, ratios and proportions. They will multiply and divide positive fractions, mixed numbers and integers. Your teen will solve problems involving the Pythagorean theorem, surface area, volume and probability of independent events.

**PHYSICAL EDUCATION**

What are the benefits of an active lifestyle? Your teen will take part in various activities that will help them to lead a healthy, active lifestyle. They will grow to appreciate the importance of physical activity, while discovering essential life skills, such as cooperation, leadership, fair play and teamwork.

**SCIENCE**

How do hydraulics work and why do we have an epiglottis? Students apply this Grade 8 Science vocabulary as they investigate machines and the human body. They experiment with liquids and gases to interpret their uses in everyday situations, and they learn how light travels through different materials and how vision works.

**SOCIAL STUDIES**

How do people in different societies view the world and influence each other? Contact between societies that view the world in different ways has shaped our world. Through inquiry, your teen will reflect on their own worldview and assess the influence that the past has on the present. By examining historical examples drawn from Japan, Renaissance Europe and Spanish and Aztec societies, your teen will better understand how contact between societies can lead to change.

**OPTIONAL SUBJECTS**

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Version française disponible
You play an integral role in your teen’s education by providing the encouragement and support your teen needs to succeed.

RESOURCES

A variety of digital and print resources, developed by publishers, Alberta Education or Alberta teachers, are available to help students learn. Teachers may select, and bring into the classroom, numerous innovative and creative resources to create rich learning experiences for your child. Visit LearnAlberta.ca (http://www.learnalberta.ca/) to learn more about the resources your child may encounter.

WHERE CAN I GET MORE INFORMATION?

EARLY AND MIDDLE YEARS CURRICULUM SECTOR
Telephone: 780–422–7996
E-mail: EDC.DivisionalStrategicSupports@gov.ab.ca
E-mail: FES-SEF@gov.ab.ca (Regarding FSL)