Grade 7 Curriculum Key Topics

**Language Arts**

* Assess and edit writing
* Access information and ideas and evaluate their relevance, accuracy, and reliability
* Literary elements, techniques and devices
* Role of story, narrative, and oral tradition in expressing First Peoples’ perspectives, values, beliefs, and points of view
* Elements of non-fiction texts
* Regional dialects and varieties of English

**Social Studies**

The Ancient World to the 7th Century

* Anthropological origins of humans
* Human responses to particular geographic challenges and opportunities
* Features and characteristics of civilizations and factors that lead to their rise and fall
* Origins, core beliefs, narratives, practices, and influences of religions, including at least one indigenous to the Americas
* Scientific, philosophical, and technological developments (before the 7th century)
* Interactions and exchanges between past civilizations and cultures, including conflict, peace, trade, expansion, and migration
* Social, political, legal, governmental, and economic systems and structures, including at least one indigenous to the Americas

**Math**

* Cultural perspectives of First Peoples for locating, measuring, and numbering
* Logic and patterns to solve games and puzzles
* Operations with integers
* Multiplication and division facts to 100 (recall)
* Relationship btwn decimals, fractions, percents
* Prime and composite numbers
* Discrete linear relations, using expressions, tables, and graphs
* Two-step equations with whole numbers
* Circumference and area of circles
* Volume of cylinders
* Cartesian coordinates and graphing
* Combinations of transformations, including points in four quadrants
* Circle graphs
* Experimental probability with 2 indep. events
* Financial percentage calculations (e.g., sales tax, tips, bill splitting, consignment)

**Science**

* Natural selection through adaptive radiation
* Survival needs and interactions between organisms and the environment
* Elements and compounds are substances
* Chemical changes
* Crystalline structure of solids
* Electricity
* Fossil records and geological dating
* Evidence of climate change over geological time and the recent impacts of humans

**Career Education**

* Connect interests with possible career paths
* Personal and public digital identities and potential for both pos and neg consequences
* Goal-setting
* Volunteer in local community
* Factors affecting types of jobs in the community

**Physical and Health Education**

* Daily participation in variety of physical activities
* Physical training principles
* Practices for health and mental well-being,
* STIs and life-threatening communicable diseases
* Sources of health information
* Basic principles for responding to emergencies
* Strategies to protect themselves and others from potential abuse, exploitation, and harm
* Bullying, stereotyping, and discrimination
* Signs and symptoms of stress, anxiety, depression
* Changes that occur during puberty and adolescence