Grade 6 Curriculum Key Topics

**Math**

* Cultural perspectives of First Peoples for locating, measuring, and numbering
* Whole number %, percentage discounts
* Improper fractions and mixed numbers
* Operations with thousandths to billions
* Factors and multiples
* Order of operations with whole numbers
* Multiplication and division of decimals
* Recall x and ÷ facts to 100
* Patterns w/ expressions, tables, and graphs
* Functional relationships (first quadrant only)
* One-step equations with whole-numbers
* Perimeter of complex shapes
* Area of triangles, parallelograms, trapezoids
* Angle measurement and classification
* Volume
* Triangles and pyramids
* Combinations of transformations - 2D shape
* Line graphs
* Single-outcome probability
* Simple budgeting and consumer math

**Language Arts**

* Literary elements and devices
* Elements of non-fiction texts
* Techniques of persuasion
* Use of language to appeal to emotion, logic, and/or trust (authority)
* Regional dialects and varieties of English
* Varied sentence structure, use of transitional words, run-on sentences and sentence fragments
* Role of story, narrative, and oral tradition in expressing First Peoples’ perspectives, values, beliefs, and points of view
* Assess and edit writing

**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

**Science**

* Body systems: musculoskeletal, reproductive, hormonal, nervous
* Heterogeneous mixtures
* Separation of mixtures using a difference in component properties
* Newton's three laws of motion
* Effects of balanced and unbalanced forces
* Force of gravity
* Our solar system and the universe
* Extreme environments

**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
* Psychoactive substances and addictive behaviours
* Changes that occur during puberty and adolescence
* Influences on individual identity, including sexual identity, gender, values, and beliefs identities in different settings

**Social Studies**

Global Issues and Governance:

* The urbanization and migration of people
* Global poverty and inequality issues
* Roles of individuals, governmental organizations, ngos, incl. groups representing indigenous peoples
* Different systems of government
* Economic policies and resource management, including effects on indigenous peoples
* Globalization and economic interdependence
* Int’l cooperation and responses to global issues
* Regional and international conflict
* Media technologies and coverage of current events