

## Grade 7

Children are assessed and evaluated according to their individual progress. It is expected that children will acquire skills at differing rates and times.

Checked boxes indicate learning outcomes covered to date.

1<sup>st</sup> term 2<sup>nd</sup> term 3<sup>rd</sup> term

<b>LANGUAGE ARTS</b>			
Demonstrates enhanced vocabulary knowledge and usage			
Recognizes features, structures, and patterns in literary genres (songs, poems, etc.)			
Reads fluently and demonstrates enjoyment/comprehension of a variety of grade seven level materials			
Writes using a variety of representations (scripts, poems, stories, posters, research papers, etc.)			
Applies writing conventions: <ul style="list-style-type: none"> <li>punctuation – capitalization, period, question mark, exclamation mark, comma, quotation mark, apostrophe, colon, etc.)</li> <li>vocabulary and spelling – uses conventional spelling for frequently used words and applies spelling strategies to spell unknown words, uses a dictionary and thesaurus when editing</li> <li>presentation – writes legibly; includes headings, titles, and illustrations; acknowledge secondary sources of information (bibliography);</li> <li>uses simple, compound, and complex sentences with few run-on sentences</li> </ul>			
Responds to text in personal, creative, and critical ways			
Uses correct subject, verb, and pronoun agreement			
Uses prepositions effectively (of, in, concerning, at, by)			
Recognizes and uses literary devices <ul style="list-style-type: none"> <li>simile, metaphor, alliteration, personification, symbolism, imagery</li> <li>understands and uses idiomatic expressions (e.g., it is raining cats and dogs)</li> <li>parts of a story (setting, characters, plot, climax, events, conflict, mood,....)</li> </ul>			
Analyses, compares, summarizes and synthesizes new ideas			
Is able to use cursive writing in daily work			
Is able to proofread and edit writing			
Is able to use research skills for reports			

<b>MATHEMATICS</b>			
Demonstrates an understanding of multiplication and division facts to 100			
Demonstrates understanding of x, +, -, of decimals and uses a calculator for multiple digit numbers			
Solves problems involving percents from 1% to 100%			
Understands addition and subtraction of positive fractions and mixed numbers with like/unlike denominators			
Demonstrate an understanding of addition, subtraction, multiplication, and division of integers			
Compare and order positive fractions, positive decimals (to thousandths) and whole numbers			
Demonstrates an understanding of place value to one million and one thousandth			
Demonstrates an understanding of factors and multiples of numbers less than 100			
Demonstrates understanding of multiplying and dividing decimals			
Relates improper fractions to mixed numbers ( $15/8 = 1 \frac{7}{8}$ )			
Create a table of values from a linear relation, graph the table of values, and analyse the graph to draw conclusions and solve problems			
Models and solves problems of linear equations, $ax + b = c$			
Solves problems involving the radius, diameter, and circumference of circles			
Explains and applies the order of operations (BEDMAS – excluding exponents)			
Demonstrates that the sum of interior angles is 180 degrees in a triangle and 360 degrees in a quadrilateral			
Demonstrates and applies a formula for determining the perimeter of polygons			
Develops and applies a formula for determining the area of triangles, parallelograms, and circles			
Develops and applies a formula for determining the volume of right rectangular prisms and cylinders			
Perform geometric constructions of perpendicular and parallel line segments, perpendicular bisectors and angle bisectors			
Constructs and compares triangles, including scalene, isosceles, equilateral, right, obtuse, and acute			
Able to perform transformation, translation, reflection, and rotation of 2-D shapes			
Constructs and interprets graphs and tables to solve problems			
Identify and plot points in the four quadrants of a Cartesian plane using integral ordered pairs			
Demonstrates an understanding of probability			
Determines the mean, median, and mode			

**SOCIAL STUDIES**

Uses various graphs, tables, timelines, and maps to obtain and communicate information			
Creates maps to illustrate selected ancient cultures			
Analyses social roles within one or more ancient civilization			
Identifies influences and contributions of ancient societies to present-day cultures			
Describes various ways ancient peoples exchanged good and services			
Compile a body of information from a range of sources and deliver a formal presentation			
Describes the evolution and purpose of rules, laws, and government in ancient civilizations			
Assess how ancient systems of laws and government have contributed to current Canadian political and legal systems			
Assess ways technological innovations enabled ancient peoples to adapt to and modify their environments, satisfy their needs, increase exploration and trade and develop their cultures			
Identifies challenges and opportunities, including climates, landforms, and natural resources			
Identify the impact of human activity on physical environments in ancient civilizations			

**SCIENCE**

Test a hypothesis by planning and conducting an experiment that controls for two or more variables			
Assesses survival needs and interactions between organisms and the environment			
Assesses the requirements for sustaining healthy local ecosystems			
Evaluates human impact on local ecosystems			
Investigates elements consisting of one type of atom, and compounds consist of atoms of different elements chemically combined			
Measures substances and solutions according to pH, solubility, and concentration			
Classifies substances as elements, compounds, and mixtures			
Identifies the properties of matter			
Demonstrates an understanding of climate change over geological time and the recent impacts of humans			
Compares characteristics of the Earth's core, mantle, and crust and describes the formation of rocks			
Analyses the dynamics of tectonic plate movement and landmass formation			

**FINE ARTS EDUCATION**

Explores elements, processes, materials, movements, technologies, tools, and techniques of the arts			
Participates in Homelinks Aboriginal classes			
Participates in Homelinks Handwork classes			
Participates in Homelinks/KHE drama experiences			

**PHYSICAL AND HEALTH EDUCATION**

Has met the daily physical requirement this term			
Describes the benefits of regular physical activity			
Demonstrates etiquette and fair play			
Describes the relationship between nutrition and physical activity			
Demonstrates ability to access information and support services			
Demonstrates proper technique in physical activities			
Models leadership in creating a positive climate for physical activity			
Sets personal goals for attaining and maintaining a physically active and healthy lifestyle			
Identifies the basic principles for responding to emergencies			
Describe influences on relationships (e.g., peers, family, media, puberty)			
Describes safety guidelines to protect themselves and others from abuse and exploitation			
Describe and assess strategies for managing problems related to mental well-being and substance use			

**SECOND LANGUAGE**

Communicates personal information orally in brief and simple messages

Asks and responds to simple questions

Identifies and uses common expressions and greetings

Communicates likes, dislikes, wants, and needs

Expresses acquired information in oral and visual forms

**CAREER EDUCATION AND WORK HABITS**

Demonstrates leadership skills through collaborative activities in school and the community

Designs a plan to achieve a specific goal

Demonstrates connections between own strengths, interests and career choices

Appreciates the value of new experiences, innovative thinking and risk taking

Shows respect, inclusivity, and other positive behaviour in diverse, collaborative learning environments

Questions self about how their personal public identity can have both positive and negative consequences

Completes assignments when due

Produces legible and neat work

Shows pride in work

Works independently

**APPLIED DESIGN, SKILLS, AND TECHNOLOGIES**

- ❖ Computational Thinking, Computers and Communications Devices, Digital Literacy, Drafting, Entrepreneurship and Marketing, Food Studies, Media Arts, Metalwork, Power Technology, Robotics, Textiles, Woodwork
