



## **GRADE 4 CURRICULUM**

**LANGUAGE**

**MATH**

**SCIENCE**

**SOCIAL STUDIES/TAPESTRY**

**FRENCH**

## **LANGUAGE**

1. Book and Novel Reading
2. Book Reports
3. Reading Comprehension
4. Cursive Writing
5. Writing Journal
  - Writing about daily events or specific topics
  - Writing short stories, letters
6. Spelling
  - Spelling 5 – 10 letter words
  - Spelling activities and games
7. Following the steps in the Writing Process
  - a. (Prewriting, Drafting, Revising, Proofreading, Publishing)
8. Using a Dictionary
9. Grammar
  - Nouns, Proper Nouns, Common Nouns, Possessive Nouns, Pronouns
  - Determiners “ a” and “an”
  - Singular and Plural Nouns
  - Verbs (Present, Past, Future, Linking, Action and Irregular verbs, Main and Helping verbs)
  - Adjectives
  - Adverbs
  - Using the word “and”, “but”, “or” to join subjects and verbs
  - Contractions
  - Prepositions and Conjunctions
  - Sentences (Fragments, Diagrams –subjects/predicates, Agreement)
  - Complete and Simple Subjects
  - Statements and Questions
  - Commands and Exclamations
  - Subjects and Predicates
  - Subject/Verb Agreement
  - Editing (Proofreading)
  - Word Order, Using exact words
  - Capitalization
  - Apostrophes (Ownership), Colons, Commas
  - End Punctuation
  - Punctuating sentences, paragraphs, letters, stories

- Quotations
10. Paragraphs (Topic and Detail sentences)
    - Narrative and Descriptive Paragraphs
  11. Detail Sentences (Sense words, Facts, Feelings, Similarities, Differences, Time words)
  12. Alphabetical Order
  13. Using an Encyclopedia
  14. Using a Thesaurus
  15. Parts of a book
  16. Grouping
  17. Planning and Writing Reports
  18. Writing Outlines
  19. Synonyms, Antonyms, Homophones, Homographs
  20. Compound words, Similes
  21. Metaphors
  22. Onomatopoeic Words (words that imitate sounds)
  23. Prefixes, Suffixes
  24. Abbreviations
    - Giving and Following Directions
  25. Using a Telephone Book
  26. Using library books
  27. Using a card catalog
  28. Taking a Message
  29. Writing a Friendly Letter
  30. Writing a Business Letter
  31. Writing an Invitation
  32. Writing a Thank-You Note
  33. Addressing an Envelope
  34. Writing a Postcard
  35. Facts and Opinions
  36. Outlining
  37. Sorting and Classifying
  38. Main Topics and Subtopics
  39. Using a Table of Contents
  40. Using an Index
  41. Using a Bibliography
  42. Using a Glossary
  43. Using Proofreaders' Marks

## **TAPESTRY/SOCIAL STUDIES**

### **Medieval Times**

- Time Lines
- Comparing medieval to modern times
- Medieval Communities
- Coat of Arms

### **Freshwater Trails**

- Rivers of Canada
- Ports
- Waterfalls
- Caring for Water
- Waterways of the World

### **Travel Canada**

- Traveling In Canada
- Touring Canada
- Grid Maps
- Transportation Routes
- Travel Brochures

## **MATH**

1. Place Value of Whole Numbers (Benchmark numbers, place value of hundred thousands, place value of larger numbers)
2. Adding and Subtracting Whole Numbers
3. Place Value of Decimals
4. Adding and Subtracting Decimals
5. Multiplying Decimals
6. Dividing Decimals
7. Multiplying by One Digit Numbers
8. Multiplying Larger Numbers (Estimating products, three digit number multiplication, finding perimeter and area)
9. Dividing by One Digit Numbers
10. Dividing by Two Digit numbers (Division patterns to estimate, estimating quotients, placing the first digit, correcting quotients)
11. Analyzing and Graphing Data (Finding mean, choosing a reasonable scale, making line graphs, choosing appropriate graphs)
12. Circle, Bar and Line Graphs (Reading circle graphs, decimals in circle graphs, comparing graphs)
13. Understanding Fractions (Mixed numbers, comparing, ordering)
14. Fractions and Number Theory (Greatest common factor, equivalent fractions, simplest form)
15. Modeling Addition of Fractions (LCM, Adding three fractions)
16. Modeling Subtraction of Fractions
17. Adding and Subtracting Fractions (Estimation, adding and subtracting like fractions and unlike fractions)
18. Adding and Subtracting Mixed Numbers

19. Multiplying Fractions (Multiplying fractions and whole numbers)
20. Measurement: Customary Units (Changing customary units, comparing customary units, capacity, weight, elapsed time, temperature changes)
21. Plane Figures and Polygons (Line relationships, rays and angles, interpreting symbols, classifying quadrilaterals, triangles)
22. Transformations, Congruence and Symmetry (Testing for congruence, Tessellation)
23. Circles (Construct a circle, angles in a circle, determining when to estimate)
24. Solid Figures (Prisms and Pyramids, nets for solid figures, algebraic thinking, volume)
25. Fractions as Ratios (Expressing ratios, equivalent ratios, using pictures)
26. Percent (Connecting percents and decimals, benchmark percents, percents in circle graphs)

## **SCIENCE**

1. Habitats
  - Animal Habitats
  - Plant Growth
  - Producers Vs. Consumers
  - Food chains
  - Adaptations
  
2. Sound
  - Vibrations
  - Human Ear
  - Music
  - Shape and Sound
  - Sounds and Solids
  
3. Light
  - How light travels
  - Reflecting Light
  - Optical Devices
  - Shadows
  - Lenses

## **FRENCH**

- Revision of greetings, introduction, numbers, animals, clothing, food, colours
- The pronouns
  - Nous (we) and Vous (You) plural
- Converse about school schedules (days, times, subjects)
- Converse about the weather (present)
- Express their feelings
  - I am cold, I am hot, I am thirsty
- How to order from a menu, Talk about the food they like or dislike
- Talk about their fears (fear of animals, etc)
- Numbers (1 – 1000)
- Talk about the place in which they live (the city, the buildings)
- Songs



## **PROJECTS**

### 1. LANGUAGE

- 3 book reports in booklet format
- 1 book summary

### 2. SCIENCE

#### PROJECTS:

- Food Chain and Food Web (Collection of pictures)
- Inventions of Light – a timeline
- Design your own Sound Instrument

#### RESEARCH WORK:

- Pollution
- Bird Beaks
- Eyesight
- Music and Noise Pollution

#### HEALTH & NUTRITION

- YOU ARE WHAT YOU EAT
  - Maintaining a food diary
  - Planning a Balanced Diet
  - Importance of Breakfast
- DIFFERENCE BETWEEN COMMUNICABLE AND NON-COMMUNICABLE DISEASE

### 3. SOCIAL STUDIES

- Make your own medieval castle
- Canada's Physical Regions Research