



DURHAM CHRISTIAN ACADEMY

Curriculum

Kindergarten - Curriculum Overview

Language

Reading

- Explore sounds, rhythms, language structures
- Literature / print rich environment
- Reading books, poems
- Basic book conventions, concepts of print
- Exposure to high frequency words
- Letter / sound recognition using the Jolly Phonics program
- Snuggle Up & Read program
- Reading Buddy program with grade 7 / 8

Writing

- Writing with purpose
- Experiment with a variety of simple writing forms for different purposes
- Communicate ideas about personal experiences, familiar stories
- Duffy Dog's Backpack Adventures (school/home link)

Texts: *Phonics K* (Pearson), *Alphakids Reading Program* (Scholastic)

Math

- Sorting & classification of objects by colour and size
- Understanding spatial sense
- Exploring patterns
- Counting & writing numerals
- Identifying shapes, solids, equal parts
- Data management and probability
- Telling time, measurement, counting money
- Introduction to addition & subtraction

Text: Mathematics K (ACSI)

Science

- Demonstrate an awareness of the natural, God-created environment and man-made environment through investigations, observations, questioning, sharing
- Conduct simple experiments
- Demonstrate an understanding of and care for God's creation
- Investigate how different forces make things move
- Describe natural habitats
- Participate in environmentally friendly activities

French

- Introduction to simple vocabulary through songs & games

Bible

- Bible stories and songs

Text: *the Bible*

Physical Education

- Develop body awareness and coordination through a variety of games and activities.



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 1 - Curriculum Overview

Language

Reading

Guided leveled reading program

Phonics

Consonant Sound associations; Short and Long vowel sound associations; Consonant blends; Inflectional endings

Spelling

Weekly spelling lists

Penmanship

Formation of printed letters

Writing

Journaling

Texts: *Phonics Level A* (Pearson), *Canadian Spelling Program 1* (Gage), *Alphakids Reading Program* (Scholastic)

Math

Number Sense and Numeration

Number relationships; Addition and Subtraction to 12; Place value & number applications

Measurement

Time, Temperature and Money; Linear measurement & Area; Mass & capacity

Geometry and Spatial Sense

2-D geometry & applications; 3-D geometry

Patterning and Algebra

Number patterns; Sorting & patterning

Data Management and Probability

Data & likelihood

Texts: *Mathquest 1*, *Math Makes Sense 1* (Pearson)

Science

- Materials, objects, everyday structures
- Daily & seasonal changes
- Energy in our lives
- Needs & characteristics of living things

Text: *Science and Technology 1* (Addison Wesley)

Social Studies

- Relationships, rules & responsibilities
- The local community

French

- Familiar topics using simple phrases, sentences, ask simple questions
- Follow basic classroom instructions, use cues to understand what they hear

Curriculum: *AIM Program* (AIM)

Bible

- Bible stories follow the theme of "God's Gift to Me"
- Daily devotions and Bible verse memorization

Text: *the Bible, God and His Word* (ACSI)

Art

- Students will use a variety of tools, materials and techniques to create visual images and identify the elements of design and how the elements are used by artists

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities

Technology

- Introduction to computers and keyboarding



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 2 - Curriculum Overview

Language

Reading

Guided leveled reading program

Phonics

Consonant sound associations; Short and Long vowel sound associations; Compound words; Contractions; Long vowel rule; Synonyms, Antonyms, Homonyms

Spelling

Weekly spelling lists

Penmanship

Formation of printed letters

Writing

Journaling

Texts: *Phonics Level B* (Pearson), *Canadian Spelling Program 2* (Gage), *Alphakids Reading Program* (Scholastic)

Math

Number Sense and Numeration

Number relationships; Addition, Subtraction, Multiplication and Division; Fractions

Measurement

Time, Temperature and Money; Mass & Capacity; Linear measurement, Area and Perimeter

Geometry and Spatial Sense

3-D and 2-D Geometry

Patterning and Algebra

Sorting & Patterning

Data Management and Probability

Data & Likelihood

Texts: *Mathquest 2*, *Math Makes Sense 2* (Pearson)

Science

- Materials, objects, everyday structures
- Daily & seasonal changes
- Energy in our lives
- Needs & characteristics of living things

Text: *Science and Technology 1* (Addison Wesley)

Social Studies

- Relationships, rules & responsibilities
- The local community

French

- Familiar topics using simple phrases, sentences, ask simple questions
- Follow basic classroom instructions, use cues to understand what they hear

Curriculum: *AIM Program* (AIM)

Bible

- Bible stories follow the theme of "God's Gift to Me"
- Daily devotions and Bible verse memorization

Text: *the Bible, God and His Word* (ACSI)

Art

- Students will use a variety of tools, materials and techniques to create visual images and identify the elements of design and how the elements are used by artists

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities

Technology

- Introduction to computers and keyboarding



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 3 - Curriculum Overview

Language

Reading

- Weekly stories or chapters read
- Comprehension exercises
- Novels – *Charlie & the Chocolate Factory*, *The Mouse & the Motorcycle*

Grammar

- Types of sentences; Plurals and Contractions; Friendly letters; Dictionary skills;
- Parts of speech includes Nouns, Verbs, Adjectives, Adverbs

Spelling

- Weekly lists, exercises, dictations
- Vocabulary from other subjects

Writing

- Narratives, reports, letters, poetry

Penmanship

- Formation of cursive letters both upper and lower case; begin using cursive in daily work

Texts: *Language 3* (A Beka), *Canadian Spelling Program 3* (Gage)

Math

Number Sense and Numeration

- Addition and subtraction of whole numbers and decimals; Multiplication and division; Place Value;
- Fractions

Measurement

- Measurement – area, perimeter, time

Geometry and Spatial Sense

- Geometric shapes and solids

Patterning and Algebra

- Patterning

Data Management and Probability

- Graphing

Text: *Mathquest 3* (Pearson)

Science

- Habitats & communities – food chains, importance of all parts of habitat, extinct plants & animals
- Light energy – reflection of light, mixing colors, shadows, optical devices
- Sound energy – sound travels, absorb sounds, frequency, pitch, human ear
- Pulleys & Gears – various systems of pulleys, design own system, bicycle, common uses
- Rocks, Minerals & Erosion – classify, effects of wind, water, soils formed, uses of rocks

Text: *Science & Technology 4* (Addison Wesley)

Social Studies

- Canada – provinces, territories, capital cities, physical regions, Great Lakes, levels of gov't., elections, understanding maps & symbols
- Medieval Times – people of society, manor system, buildings of age, events of MA., significance of this historical age

Bible

- Tools for studying Bible, God omnipresent, omniscient, omnipotent, Holy Spirits' role, Man's sinful nature – the results of sin, salvation, Christ's body the church, being salt & light
- Daily devotions and Bible verse memorization

Text: *the Bible, Christ and His Word* (ACSI)

French

- Speak about familiar topics using very simple phrases, sentences
- Identify & use vocabulary, grammar, language conventions per Ontario Curriculum guidelines

Curriculum: *Acti-Vie* (Gage)

Art

- Students will use a variety of tools, materials and techniques to create visual images
- Students will use the elements of design to create works of art

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities

Technology

- Keyboarding and Word Processing



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 4 - Curriculum Overview

Language

Grammar

Types of sentences, friendly letters, dictionary skills, nouns, verbs, adjectives, adverbs, pronouns, prepositions, conjunctions, interjections, apostrophes, colons, commas, capitalization

Spelling

Weekly tests, exercises
Vocabulary from other subjects

Reading

Weekly stories or chapters read each week
Comprehension exercises
Novels – Charlie & the Chocolate Factory, Pilgrims Progress, Secret in the Maple Tree

Writing

Students will produce various types of writing, narrative, reports, letters, poetry

Pemanship

Cover all small and uppercase letters, begin using cursive writing in their work

Text: *Language A* (A Beka), *Canadian Spelling Program 4* (Gage)

Math

Number Sense and Numeration

Addition and subtraction of 4 digit numbers; Multiplication to 12 times' table; Multiplication of 2 digit numbers; Place value to 9999; Fractions and decimal numbers; Long division

Measurement

Measurement – area, perimeter, time

Geometry and Spatial Sense

Geometric solids, geometric figures – slides, flips, turns

Patterning and Algebra

Patterns

Data Management and Probability

Collecting data and graphing

Text: *Mathquest 4* (Pearson)

Science

- Habitats & communities – food chains, importance of all parts of habitat, extinct plants & animals
- Light energy – reflection of light, mixing colors, shadows, optical devices
- Sound energy – sound travels, absorb sounds, frequency, pitch, human ear
- Pulleys & Gears – various systems of pulleys, design own system, bicycle, common uses
- Rocks, Minerals & Erosion – classify, effects of wind, water, soils formed, uses of rocks

Text: *Science & Technology 4* (Addison Wesley)

Social Studies

- Canada – provinces, territories, capital cities, physical regions, Great Lakes, levels of gov't., elections, understanding maps & symbols
- Medieval Times – people of society, manor system, buildings of age, events of MA., significance of this historical age

Bible

- Tools for studying Bible, God omnipresent, omniscient, omnipotent, Holy Spirits' role, Man's sinful nature – the results of sin, salvation, Christ's body the church, being salt & light
- Daily devotions and Bible verse memorization

Text: *the Bible, Christ and His Word* (ACSI)

French

- Speak about familiar topics using very simple phrases, sentences
- Identify & use vocabulary, grammar, language conventions per Ontario Curriculum guidelines

Curriculum: *Acti-Vie* (Gage)

Art

- Students will use a variety of tools, materials and techniques to create visual images
- Students will use the elements of design to create works of art

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities.

Technology

- Keyboarding and Word Processing



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 5 – Curriculum Overview

Language

Grammar

Types of sentences and sentence structure, punctuation and capitalization, a study of the eight parts of speech and their application

Spelling

Weekly tests, exercises

Vocabulary from other subjects

Reading

Selected short stories, prose, poetry, fiction and non-fiction

Comprehension exercises

Novel studies- *Number the Stars*, *A Midsummer's Night Dream* (Shakespeare)

Regular book reports

Writing

Narratives, letters, poetry, description, essays, reports and speeches

Penmanship

Cursive writing used in daily work

Texts: *Language B* (A Beka), *Canadian Spelling Program 5* (Gage), *New Practice Readers E* (Phoenix Learning Resources)

Math

Number Sense and Numeration

Addition, Subtraction, Multiplication and Division of Whole Numbers and Decimals; Place Value

Measurement

Perimeter and Area; Temperature and Time

Geometry and Spatial Sense

2 dimensional shapes and 3 dimensional solids

Patterning & Algebra

Patterns and variables in equations

Data Management & Probability

Collect, organize data; Graphing

Text: *Math Makes Sense 5* (Pearson)

Science

- Diversity of Living Things
- Characteristics of Flight
- Electricity
- Motion
- Space

Text: *Science & Technology 6* (Addison Wesley)

Social Studies

- First Nation Peoples
- European Explorers
- Canada's Link to the World

Bible

- Survey of the New Testament, with an in-depth personalized study of popular passages
- Daily devotions and Bible verse memorization

Texts: the *Bible*, *Christ and My Life* (ACSI)

French

- Listen to & talk about short simple oral texts dealing with familiar topics
- Identify & use vocabulary, grammar & language conventions per Ontario Curriculum guidelines

Curriculum: *Acti-Vie* (Gage)

Art

- Students will use the elements of design to produce works of art and use a variety of tools, materials and techniques

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities; learn skills and rules of a variety of different sports.

Technology

- Keyboarding, Word Processing and an introduction to a variety of software.



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 6 – Curriculum Overview

Language

Grammar

Types of sentences and sentence structure, punctuation and capitalization, a study of the eight parts of speech and their application

Spelling

Weekly tests, exercises

Vocabulary from other subjects

Reading

Selected short stories, prose, poetry, fiction and non-fiction

Comprehension exercises

Novel studies- *Number the Stars*, *A Midsummer's Night's Dream* (Shakespeare)

Regular book reports

Writing

Narratives, letters, poetry, description, essays, reports and speeches

Penmanship

Cursive writing used in daily work

Texts: *Language C* (A Beka), *Canadian Spelling Program 6* (Gage), *New Practice Readers F* (Phoenix Learning Resources)

Math

Number Sense and Numeration

Addition, Subtraction, Multiplication and Division of Whole Numbers and Decimals; Fractions; Place Value; Introduction to Percent and Ratio.

Measurement

Perimeter, Area and Volume

Geometry and Spatial Sense

Polygons, Angles, Shapes and 3 dimensional solids

Patterning & Algebra

Patterns and simple algebraic expressions

Data Management & Probability

Collecting and Organizing data, Graphing and Probability

Text: *Math Makes Sense 6* (Pearson)

Science

- Diversity of Living Things
- Characteristics of Flight
- Electricity
- Motion
- Space

Text: *Science & Technology 6* (Addison Wesley)

Social Studies

- First Nation Peoples
- European Explorers
- Canada's Link to the World
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Bible

- Survey of the New Testament, with an in-depth personalized study of popular passages
- Daily devotions and Bible verse memorization

Texts: *the Bible, Christ and My Life* (ACSI)

French

- Listen to & talk about short simple oral texts dealing with familiar topics
- Identify & use vocabulary, grammar & language conventions per Ontario Curriculum guidelines

Curriculum: *Acti-Vie* (Gage)

Art

- Students will use the elements of design to produce works of art and use a variety of tools, materials and techniques

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities; learn skills and rules of a variety of different sports.

Technology

- Keyboarding, Word Processing and an introduction to a variety of software.



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 7 – Curriculum Overview

Language

Grammar

Types of sentences and sentence structure, punctuation and capitalization, a study of the eight parts of speech and their application

Spelling

Weekly tests, exercises

Vocabulary from other subjects

Reading

Selected short stories, prose, poetry, plays, fiction and non-fiction

Comprehension exercises

Novel study

Monthly book reports

Writing

Narratives, letters, poetry, description, essays, reports and speeches

Penmanship

Cursive writing used in daily work

Texts: *Of People* (A Beka), *Grammar & Composition I* (A Beka), *Canadian Spelling Program 7* (Gage), *the Bronze Bow* (Houghton Mifflin)

Math

Number Sense and Numeration

Addition, Subtraction, Multiplication and Division of Whole Numbers, Decimals, Fractions and Integers; Proportions including Ratio, Percent and Rate.

Measurement

Perimeter, Area and Volume

Geometry and Spatial Sense

Angles and Angle relationships, Shapes and Congruency

Patterning and Algebra

Patterns and Simple Algebraic expressions

Data Management and Probability

Collect and Organize data, Graphing and Statistics

Text: *Math Power 7* (McGraw-Hill Ryerson)

Science

- Life Systems – Ch. 1 Cells & Cell Systems
- Matter & Materials – Ch. 2 Fluids
- Energy & Control – Ch. 3 Optics
- Structures & Mechanisms – Ch. 4 Mechanical Efficiency
- Earth & Space Systems – Ch. 5 Water Systems

Text: *Science & Technology 8* (Addison Wesley)

History

- Brief introduction considering personal & local history
- Early Canadian history, 17th to early 19th century
- Canada's Native groups, influence of European settlement
- Social, economic, political challenges of New France & British North America

Text: *Community Canada* (Oxford University Press)

Geography

- Study human geography – patterns in population distribution, land use, settlement, migration, employment, economic systems
- Map & graphic skills

Curriculum: *Patterns in Human Geography* (Johnson Publications)

Bible

- Survey of New Testament – life and teachings of Jesus
- Daily devotions adapted from the *Purpose Driven Life*; Bible verse memorization
- Character development emphasized with a regular study of character qualities

Texts: the *Bible*, *The Life of Christ* (ACSI)

French

- Listen to & talk about short oral texts in structured & open-ended situations
- Identify & use vocabulary, grammar, language conventions per Ontario Curriculum guidelines

Curriculum: *Acti-Vie, Tout Ados* (Gage)

Art

- Students will use the elements of design to produce works of art and use a variety of tools, materials and techniques
- Study of art history will be made as well as art appreciation.

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities; learn skills and rules of a variety of different sports; improve physical fitness.

Technology

- Keyboarding and Word Processing. Learn and apply software including Microsoft Word, Excel and PowerPoint.



DURHAM CHRISTIAN ACADEMY

Curriculum

Grade 8 – Curriculum Overview

Language

Grammar

Types of sentences and sentence structure, punctuation and capitalization, a study of the eight parts of speech and their application

Spelling

Weekly tests, exercises

Vocabulary from other subjects

Reading

Selected short stories, prose, poetry, plays, fiction and non-fiction

Comprehension exercises

Novel study

Monthly book reports

Writing

Narratives, letters, poetry, description, essays, reports and speeches

Penmanship

Cursive writing used in daily work

Texts: *Of People* (A Beka), *Grammar & Composition II* (A Beka), *Canadian Spelling Program 8* (Gage), *the Bronze Bow* (Houghton Mifflin)

Math

Number Sense and Numeration

Addition, Subtraction, Multiplication and Division of Whole Numbers, Decimals, Fractions and Integers. Proportions including Ratio, Percent and Rate.

Measurement

Perimeter, Area and Volume

Geometry and Spatial Sense

Angles and Angle relationships, Shapes, Congruency, Construction and Pythagorean Theory

Patterning and Algebra

Patterns and more Complex Algebraic expressions

Data Management and Probability

Collect and Organize data, Graphs, Statistics and Graphing Relations

Text: *Math Power 8* (McGraw-Hill Ryerson)

Science

- Life Systems – Ch. 1 Cells & Cell Systems
- Matter & Materials – Ch. 2 Fluids
- Energy & Control – Ch. 3 Optics
- Structures & Mechanisms – Ch. 4 Mechanical Efficiency
- Earth & Space Systems – Ch. 5 Water Systems

Text: *Science & Technology 8* (Addison Wesley)

History

- Brief introduction considering personal & local history
- Early Canadian history, 17th to early 19th century
- Canada's Native groups, influence of European settlement
- Social, economic, political challenges of New France & British North America

Text: *Community Canada* (Oxford University Press)

Geography

- Study human geography – patterns in population distribution, land use, settlement, migration, employment, economic systems
- Map & graphic skills

Curriculum: *Patterns in Human Geography* (Johnson Pub.)

Bible

- Survey of New Testament – life and teachings of Jesus
- Daily devotions adapted from the *Purpose Driven Life*; Bible verse memorization
- Character development emphasized with a regular study of character qualities

Texts: the *Bible*, *The Life of Christ* (ACSI)

French

- Listen to & talk about short oral texts in structured & open-ended situations
- Identify & use vocabulary, grammar, language conventions per Ontario Curriculum guidelines

Curriculum: *Acti-Vie, Tout Ados* (Gage)

Art

- Students will use the elements of design to produce works of art and use a variety of tools, materials and techniques. A study of art history will be made as well as art appreciation.

Physical Education

- Develop an active lifestyle by participating in a variety of games and activities; learn skills and rules of a variety of different sports; improve physical fitness.

Technology

- Keyboarding and Word Processing. Learn and apply software including Microsoft Word, Excel and PowerPoint