

Introduction to English Curriculum and Books

	Reading	Vocabulary	Writing	Math	Social Studies	Science
Grade K	<u>All About Reading</u> <u>Level 1</u> <ul style="list-style-type: none"> ● Phonological Awareness <ul style="list-style-type: none"> ➤ Learn techniques for syllable counting ➤ Isolate sounds in three- and four-letter words ➤ Practice phonemic substitution ● Decoding (Phonics) <ul style="list-style-type: none"> ➤ Learn phonograms A-Z, plus TH, SH, CH, CK, NG, NK ➤ Read short vowel words containing the new phonograms, such as man etc. ➤ Read words ending in FF, LL, and SS, as in hill and kiss ➤ Read words with initial blends, as in step and flag ➤ Read words with final blends, as in next and lost ● Decoding (Structural Analysis) <ul style="list-style-type: none"> ➤ Read plural words with suffix s or es, such as pigs and lunches ➤ Read compound words, such as windmill ● Vocabulary <ul style="list-style-type: none"> ➤ Discuss new words in the context of the story and one's own life ➤ Connect new words to familiar words ● Comprehension <ul style="list-style-type: none"> ➤ Connect text to one's own experiences ➤ Understand dialogue ➤ Give and discuss opinions ➤ Set a purpose for reading 	<u>Spectrum Sight Words</u> <u>Kindergarten</u> <ul style="list-style-type: none"> ● Based on Fry's Instant Sight Words ● Fluency, reading and writing practice ● Cloze sentences ● Sight word sentence strips ● Sight word flash cards 	<u>Handwriting Without Tears</u> <u>My Printing Book</u> <u>Letters and Numbers for Me</u> <ul style="list-style-type: none"> ● Expanded room for writing ● Accelerated capital letter instruction ● Large, step-by-step models for finger tracing ● Words and sentences model good spacing ● Double lines make it easy to place letters and control letter size ● Learn & Check helps students check their letter, word, and sentence skills 	<u>Singapore Math 1A</u> <ul style="list-style-type: none"> ● Numbers 1 to 10 ● Number-bonds ● Addition ● Subtraction ● Ordinal ● Numbers ● Numbers to 20 ● Shapes ● Length ● Weight <u>Singapore Math 1B</u> <ul style="list-style-type: none"> ● Comparing Numbers ● Graphs ● Numbers to 40 ● Multiplication ● Division ● Halves and Quarters ● Time ● Numbers to 100 ● Money 	<u>Around the World with Picture Books</u> <u>Part 1</u> <ul style="list-style-type: none"> ● Asia <ul style="list-style-type: none"> ➤ Let's visit China! ➤ Let's visit Japan! ➤ Let's visit Thailand! ➤ Let's visit India! ● Antarctica <ul style="list-style-type: none"> ➤ Let's visit Antarctica! ● Australia <ul style="list-style-type: none"> ➤ Let's visit Australia! ● Africa <ul style="list-style-type: none"> ➤ Let's visit Morocco! ➤ Let's visit Egypt! ➤ Let's visit Tanzania & Kenya! ➤ Let's visit Gahana! 	<u>Science Chunks Year A Lapbook</u> <ul style="list-style-type: none"> ● Plants ● Major Biomes ● Solar System ● Atoms and molecules ● Light ● Sound

Grade 1

All About Reading

Level 2

- **Decoding (Structural Analysis)**
 - Identify base words
 - Read contractions, such as they'll
 - Learn syllable division rules for reading multisyllable words
 - Read words with past tense ending ed, including all three sounds, as in wanted, snowed, and chipped
- **Vocabulary**
 - Discuss new words in the context of the story and one's own life
 - Understand homophones
 - Understand synonyms and antonyms
- **Fluency**
 - Read with accuracy
 - Read with meaningful expression
 - Read with natural phrasing
- **Comprehension**
 - Connect text to one's own experiences
 - Make predictions
 - Compare and contrast main characters
 - Skim for specific information
 - Make inferences from the text
 - Discuss character motivation, main conflict
 - Identify the main character

Spectrum Sight

Words

Grade 1

- Based on Fry's Instant Sight Words
- Fluency, reading and writing practice
- Cloze sentences
- Sight word scrambled sentences
- Sight word flash cards

Spectrum Spelling

Grade 2

- Short and long vowels
- Sight words
- Contractions
- Compound words
- Dictionary

Handwriting

Without Tears

Printing Power

Building Writers

- Handwriting instruction with punctuation, paragraph, poem
- Language arts activities
- Practice includes writing on single lines
- Learn & Check helps teachers and students check letter, word, and sentence skills

Singapore Math

2A

- Numbers to 1000
- Addition and Subtraction
- Length
- Weight
- Multiplication and Division
- Multiplication Tables of 2 and 3

Singapore Math

2B

- Addition and Subtraction
- Multiplication and Division
- Money
- Fractions
- Time
- Capacity
- Graphs
- Geometry
- Area

Around the World

with Picture Books

Part 2

- **Europe**
 - Let's visit France!
 - Let's visit Spain!
 - Let's visit Italy!
 - Let's visit Holland!
 - Let's visit Denmark!
 - Let's visit Sweden!
 - Let's visit Great Britain!
- **South America**
 - Let's visit Ecuador!
 - Let's visit Chile!
 - Let's visit Peru!
 - Let's visit Brazil!

Science

Chunks Year

A Lapbook

- Plants
- Mendel
- Major Biomes
- Solar System
- Atoms and molecules
- Light
- Sound

Grade 2

Daily Reading Comprehension

Grade 3

- **Comprehension Strategies**
 - Make Connections
 - Visualization
 - Organization
 - Determine Important Information
 - Ask Questions
 - Monitor Comprehension
- **Comprehension Skills**
 - Main Idea and Details
 - Sequence
 - Cause and Effect
 - Fact and Opinion
 - Compare and Contrast
 - Make inferences
 - Prediction
 - Character and Setting
 - Fantasy vs. Reality
 - Author's Purpose
 - Nonfiction Text Features
 - Visual Information

Spectrum Spelling

Grade 3

- Short and long vowels
- Words with Double Consonants
- Homophones
- Contractions
- Commonly Used words
- Easily Misspelled words
- Compound words
- Plural Words
- Dictionary

Daily 6-Trait Writing

Grade 3

- **Ideas**

Good writing starts with good ideas.
- **Organization**

Good writing is organized in a way that helps the reader understand the information and follow what the writer is saying.
- **Word Choice**

Good writers choose their words carefully in order to get their ideas across.
- **Sentence Fluency**

Good writers make their writing flow by using different kinds of sentences.
- **Voice**

When they write, their personality, or who they are, should shine through.

Singapore Math 3A

- Numbers to 10,000
- Addition and Subtraction
- Multiplication and Division
- Multiplication Tables of 6,7,8 and 9
- Money

Singapore Math 3B

- Mental Calculation
- Length
- Weight
- Capacity
- Graphs
- Fractions
- Time
- Geometry
- Area and Perimeter

Daily Geography Practice

Grade 3

Daily Geography Practice is aligned to National Geography Standards and the six essential elements of geography:

- The world in spatial terms
- Places and regions
- Physical systems
- Human systems
- Environment and society
- Uses of geography

The geography skills presented at grade 3 include:

- globes
- compass roses
- map keys
- map grids and indexes
- map scales
- physical state maps
- road maps
- historical and cultural landmark maps
- population and product maps
- tourist and weather maps
- regions of the United States
- political maps of the United States, North America, and the world

Science Lessons & Investigation

Grade 3

- **Life Science**
 - Plant and Animal Life Cycles
 - Nature and Nurture
 - Adaptations
 - Organisms in a Changing Environment
 - Group and Social Behavior
 - Fossils of Ancestors
- **Earth Science**
 - Weather
 - Climate
 - Natural Processes and Hazards
- **Physical Science**
 - Changes in Movement
 - Predicting Motion from Patterns
 - Magnetic Forces

Grade 3

Daily Reading Comprehension

Grade 4

- **Comprehension Strategies**
 - Make Connections
 - Visualization
 - Organization
 - Determine Important Information
 - Ask Questions
 - Monitor Comprehension
- **Comprehension Skills**
 - Main Idea and Details
 - Sequence
 - Cause and Effect
 - Fact and Opinion
 - Compare and Contrast
 - Make inferences
 - Prediction
 - Character and Setting
 - Fantasy vs. Reality
 - Author's Purpose
 - Nonfiction Text Features
 - Visual Information

Word Roots Beginning

Each lesson has the meanings of prefixes, roots, and suffixes used to form the vocabulary words.

The activities following the lessons include:

- A. Spell and Define Words. Match each given word to its correct definition.
- B. Complete the sentence by choosing the correct word.
- C. Define the word parts.
- D. Write sentences using the words in the lesson.
- E. (optional) Creative Writing

Beginning Level includes

- 26 Prefixes
- 59 Roots
- 41 Suffixes
- 137 Vocabulary Words

Daily 6-Trait Writing

Grade 4

● **Ideas**

Good writing starts with good ideas.

● **Organization**

Good writing is organized in a way that helps the reader understand the information and follow what the writer is saying.

● **Word Choice**

Good writers choose their words carefully in order to get their ideas across.

● **Sentence Fluency**

Good writers make their writing flow by using different kinds of sentences.

● **Voice**

When they write, their personality, or who they are, should shine through.

Singapore Math 4A

- Whole Numbers
- Multiplication and Division of Whole Numbers
- Fractions
- Tables and Graphs
- Angles
- Perpendicular and Parallel Lines
- Area and Perimeter

Singapore Math 4B

- Decimals
- The Four Operations of Decimals
- Measures
- Symmetry
- Solid Figures
- Volume

Daily Geography Practice

Grade 4

Daily Geography Practice is aligned to National Geography Standards and the six essential elements of geography:

- The world in spatial terms
- Places and regions
- Physical systems
- Human systems
- Environment and society
- Uses of geography

The geography skills presented at grade 4 include:

- globes
- compass roses
- map legends
- map grids and coordinates
- map scales
- physical state, region, and country maps
- projections
- road and tourist maps
- historical and cultural landmark maps
- population and product maps
- climate and time zone maps
- land use, product, and resource maps
- political country, region, and continent maps

Science Lessons & Investigation

Grade 4

● **Life Science**

- Plant Life Structures
- Animal Life Structures
- Human Life Structures

● **Earth Science**

- Erosion and Weathering
- Patterns in Earth's Crust
- Natural Disasters
- Human Impact on Land

● **Physical Science**

- Waves as Patterns of Motion
- The Nature of Energy
- Light Energy
- Sound Energy
- Heat Energy
- Electrical Energy

Grade 4

Daily Reading Comprehension

Grade 5

- **Comprehension Strategies**
 - Make Connections
 - Visualization
 - Organization
 - Determine Important Information
 - Ask Questions
 - Monitor Comprehension
- **Comprehension Skills**
 - Main Idea and Details
 - Sequence
 - Cause and Effect
 - Fact and Opinion
 - Compare and Contrast
 - Make inferences
 - Prediction
 - Character and Setting
 - Fantasy vs. Reality
 - Author's Purpose
 - Nonfiction Text Features
 - Visual Information

Word Roots Level 1

Each lesson has the meanings of prefixes, roots, and suffixes used to form the vocabulary words.

The activities following the lessons include:

A. Spell and Define Words. Match each given word to its correct definition.

B. Complete the sentence by choosing the correct word.

C. Define the word parts.

D. Write sentences using the words in the lesson.

E. (optional) Creative Writing

Level 1 contains the following word parts and vocabulary:

- 41 Prefixes
- 86 Roots
- 57 Suffixes
- 295 Vocabulary Words

Daily 6-Trait Writing

Grade 5

● **Ideas**

Good writing starts with good ideas.

● **Organization**

Good writing is organized in a way that helps the reader understand the information and follow what the writer is saying.

● **Word Choice**

Good writers choose their words carefully in order to get their ideas across.

● **Sentence Fluency**

Good writers make their writing flow by using different kinds of sentences.

● **Voice**

When they write, their personality, or who they are, should shine through.

Singapore Math 5A

- Whole Numbers
- Multiplication and Division by a 2-digit Whole Number
- Fractions
- Area of Triangle
- Ratio
- Angles

Singapore Math 5B

- Decimals
- Percentage
- Average
- Rate
- Graphs
- Triangles
- 4-sided Figures
- Tessellations
- Volume

Daily Geography Practice

Grade 5

The geography skills presented at grade 5 include:

- globes
- compass roses
- map legends
- map grids and coordinates
- map scales
- physical country and continent maps
- projections
- regional maps
- road and tourist maps
- historical and cultural landmark maps
- population and product maps
- climate and time zone maps
- land use, product, and resource maps
- political country and world maps

Science Lessons & Investigation

Grade 5

● **Life Science**

- Healthy Ecosystems
- Energy in the Food Chain
- Nutrients for Survival
- Recycling Energy in Food Webs

● **Earth Science**

- Patterns on Earth
- The Stars
- Gravity
- Earth's Spheres
- Water from All Its Sources
- Protecting Our Planet

● **Physical Science**

- Tiny Particles of Matter
- Conservation of Matter
- Identifying Matter by Properties
- Making New Substances

Grade 5

Daily Reading Comprehension

Grade 6

- **Comprehension Strategies**
 - Make Connections
 - Visualization
 - Organization
 - Determine Important Information
 - Ask Questions
 - Monitor Comprehension
- **Comprehension Skills**
 - Main Idea and Details
 - Sequence
 - Cause and Effect
 - Fact and Opinion
 - Compare and Contrast
 - Make inferences
 - Prediction
 - Character and Setting
 - Fantasy vs. Reality
 - Author's Purpose
 - Nonfiction Text Features
 - Visual Information

Word Roots Level 1

Each lesson has the meanings of prefixes, roots, and suffixes used to form the vocabulary words.

The activities following the lessons include:

- A. Spell and Define Words. Match each given word to its correct definition.
- B. Complete the sentence by choosing the correct word.
- C. Define the word parts.
- D. Write sentences using the words in the lesson.
- E. (optional) Creative Writing

Level 1 contains the following word parts and vocabulary:

- 41 Prefixes
- 86 Roots
- 57 Suffixes
- 295 Vocabulary Words

Daily 6-Trait Writing Grade 6

- **Ideas**
Good writing starts with good ideas.

- **Organization**
Good writing is organized in a way that helps the reader understand the information and follow what the writer is saying.

- **Word Choice**
Good writers choose their words carefully in order to get their ideas across.

- **Sentence Fluency**
Good writers make their writing flow by using different kinds of sentences.

- **Voice**
When they write, their personality, or who they are, should shine through.

- **Conversation**
Good writers follow all the rule or conventions of writing so their readers can easily read or understand the writing.

Singapore Math 6A

- Algebra
- Solid Figures
- Ratio
- Percentage
- Speed

Singapore Math 6B

- Fractions
- Circles
- Graphs
- Volume
- Triangles and 4-sided Figures
- More Challenging Word Problems

Daily Geography Practice Grade 6

The geography skills presented at grade 5 include:

- globes
- compass roses
- map legends
- map grids and coordinates
- map scales
- physical country and continent maps
- projections
- regional maps
- road and tourist maps
- historical and cultural landmark maps
- population and product maps
- climate and time zone maps
- land use, product, and resource maps
- political country and world maps

Science Lessons & Investigation Grade 6

- **Life Science**
 - Cells and Life
 - Making and Processing Food
 - Inheriting Traits
 - Biodiversity
 - The History of Life
- **Earth Science**
 - A Tilt for All Seasons
 - Dynamic Earth
 - History Through Geology
 - Water's Role on Earth
 - Weather and Climate
- **Physical Science**
 - Thermal Energy on the Move
 - Matter and Its Interactions
 - Predicting Motion from Forces
 - Wave Behavior