



**NAKORNPAYAP**  
INTERNATIONAL SCHOOL

# Elementary Curriculum

Fully Accredited by



**EDUCATION THROUGH DIVERSITY**



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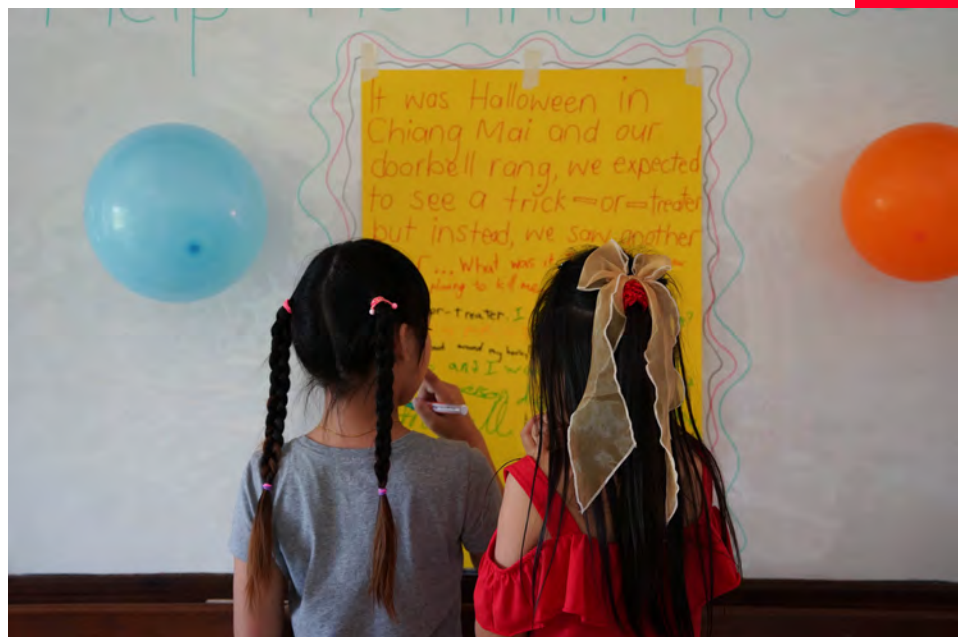
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# English Language Arts



# ENGLISH LANGUAGE ARTS (READING)

## GRADE 1

**Standards:** [U.S. Common Core State Reading Standards](#)

**Curriculum:** Making Meaning by Collaborative Classroom

### Units of Study:

- 1.The Reading Community (Fiction & Narrative Nonfiction)
- 2.Making Connections (Fiction)
- 3.Retelling (Fiction)
- 4.Visualizing (Poetry & Fiction)
- 5.Wondering (Fiction & Narrative Nonfiction)
- 6.Making Connections (Expository Nonfiction)
- 7.Wondering (Expository Nonfiction)
- 8.Using Text Features (Expository Nonfiction)
- 9.Revisiting the Reading Community

## GRADE 2

**Standards:** [U.S. Common Core State Reading Standards](#)

**Curriculum:** Making Meaning by Collaborative Classroom

### Units of Study:

- 1.The Reading Community (Fiction & Narrative Nonfiction)
- 2.Making Connections (Fiction)
- 3.Visualizing (Expository Nonfiction, Poetry, & Fiction)
- 4.Making Inferences (Fiction)
- 5.Wondering (Fiction)
- 6.Wondering (Fiction and Narrative Nonfiction)
- 7.Wondering (Expository Nonfiction)
- 8.Using Text Features (Expository Nonfiction)
- 9.Determining Important Ideas (Expository Nonfiction & Fiction)
- 10.Revisiting the Reading Community

# ENGLISH LANGUAGE ARTS (READING)

## GRADE 3

**Standards:** [U.S. Common Core State Reading Standards](#)

**Curriculum:** Making Meaning by Collaborative Classroom

### Units of Study:

- 1.The Reading Community (Fiction & Narrative Nonfiction)
- 2.Visualizing (Poetry & Fiction)
- 3.Making Inferences (Fiction)
- 4.Wondering/Questioning (Fiction)
- 5.Wondering/Questioning (Narrative Nonfiction & Biographies)
- 6.Using Text Features (Expository Nonfiction)
- 7.Wondering/Questioning (Expository Nonfiction)
- 8.Determining Important Ideas (Expository Nonfiction, Fiction, & Drama)
- 9.Revisiting the Reading Community

## GRADE 4

**Standards:** [U.S. Common Core State Reading Standards](#)

**Curriculum:** Making Meaning by Collaborative Classroom

### Units of Study:

- 1.The Reading Community (Fiction)
- 2.Using Text Features (Expository Nonfiction)
- 3.Questioning (Expository Nonfiction)
- 4.Analyzing Text Structures (Fiction, Narrative Nonfiction, & Drama)
- 5.Making Inferences (Fiction & Poetry)
- 6.Making Inferences (Fiction, Expository Nonfiction, & Narrative Nonfiction)
- 7.Analyzing Text Structures (Expository Nonfiction)
- 8.Determining Important Ideas & Summarizing (Narrative Nonfiction)
- 9.Revisiting the Reading Community

# ENGLISH LANGUAGE ARTS (READING)

## GRADE 5

**Standards:** [U.S. Common Core State Reading Standards](#)

**Curriculum:** Making Meaning by Collaborative Classroom

### Units of Study:

1. The Reading Community (Fiction)
2. Using Text Features (Expository Nonfiction)
3. Questioning (Expository Nonfiction)
4. Analyzing Text Structure (Fiction)
5. Making Inferences (Fiction & Poetry)
6. Making Inferences (Fiction & Expository Nonfiction)
7. Analyzing Text Structure (Expository Nonfiction)
8. Determining Important Ideas & Summarizing (Narrative Nonfiction & Fiction)
9. Synthesizing Fiction & Expository Nonfiction
10. Revisiting the Reading Community

# ENGLISH LANGUAGE ARTS (WRITING)

## GRADE 1 - 5

**Standards:** [U.S. Common Core State Writing Standards](#)

**Curriculum:** 6+1 Traits of Writing

### Units of Study:

1. Narrative Writing
2. Expository and Informational Writing
3. Opinion & Persuasive Writing
4. "Teachers Choice" Genre Writing

# ENGLISH LANGUAGE ARTS (PHONICS & SPELLING)

GRADE 1 - 5

**Standards:** [U.S. Common Core State Foundation Skills & Language Standards](#)

**Curriculum:** Words Their Way by Pearson

**About the Program:** Based on years of research into invented and developmental spelling, the classroom-proven framework of this successful series is keyed to the five stages of spelling and orthographic development.

1. Letter and Picture Sorts for Emergent Spellers
2. Letter Name- Alphabetic Spellers
3. Within Word Patterns Spellers
4. Syllables and Affixes Spellers
5. Derivational Relations Spellers.

# ENGLISH LANGUAGE ARTS (LISTENING & SPEAKING)

GRADE 1 - 5

**Standards:** [U.S. Common Core State Listening & Speaking Standards](#)

**Units of Study:** NIS does not have a set curriculum to teach listening and speaking standards. Teachers create their own lessons, projects, and assessments based on students' needs within their class each year. Although the format/topic of the listening and speaking assessment may differ between teachers, the rubrics and criteria are standardized for each grade level.



# Mathematics



# MATHEMATICS

## GRADE 1

**Standards:** [U.S. Common Core State Mathematics Standards](#)

**Curriculum:** MyMath by McGraw Hill

### Topics Covered:

1. Addition Concepts
2. Subtraction Concepts
3. Addition Strategies to 20
4. Subtraction Strategies to 20
5. Place Value
6. Two-digit Addition & Subtraction
7. Organize and Use Graphs
8. Measurement and Time
9. Two Dimensional Shapes & Equal Shares
10. Three-dimensional Shapes

## GRADE 2

**Standards:** [U.S. Common Core State Mathematics Standards](#)

**Curriculum:** MyMath by McGraw Hill

### Topics Covered:

1. Addition and Subtraction Concepts
2. Number Patterns
3. Add Two-digit Numbers
4. Subtract Two-digit Numbers
5. Place Value to 1,000
6. Add Three-digit Numbers
7. Subtract Three-digit Numbers
8. Money
9. Data Analysis
10. Time
11. Customary and Metric Lengths
12. Geometric Shapes and Equal Shares



# MATHEMATICS

## GRADE 3

**Standards:** [U.S. Common Core State Mathematics Standards](#)

**Curriculum:** MyMath by McGraw Hill

### Topics Covered:

1. Place Value
2. Addition
3. Subtraction
4. Understand Multiplication
5. Understand Division
6. Multiplication & Division Patterns
7. Multiplication and Division
8. Apply Multiplication & Division
9. Properties of Equations
10. Fractions
11. Measurement
12. Represent & Interpret Data
13. Perimeter & Area
14. Geometry

## GRADE 4

**Standards:** [U.S. Common Core State Mathematics Standards](#)

**Curriculum:** MyMath by McGraw Hill

### Topics Covered:

1. Place Value
2. Add & Subtract Whole Numbers
3. Understand Multiplication & Division
4. Multiplying one-digit Numbers
5. Multiplying Two-digit Numbers
6. Divide by One-digit Numbers
7. Patterns & Sequences
8. Fractions
9. Operations with Fractions
10. Fractions & Decimals
11. Customary Measurement
12. Metric Measurement
13. Perimeter & Area
14. Geometry

# MATHEMATICS

## GRADE 5

**Standards:** [U.S. Common Core State Mathematics Standards](#)

**Curriculum:** MyMath by McGraw Hill

### Topics Covered:

1. Place Value
2. Multiply Whole Numbers
3. Divide by One-digit Divisor
4. Divide by Two-digit Divisor
5. Add & Subtract Decimals
6. Multiply & Divide Decimals
7. Expressions & Patterns
8. Fractions & Decimals
9. Add & Subtract Fractions
10. Multiply & Divide Fractions
11. Measurement
12. Geometry



# Science



# SCIENCE

## GRADE 1

**Standards:** [Next Generation Science Standards \(NGSS\)](#)

**Curriculum:** Inspire Science by McGraw Hill

### Topics Covered:

1. All About Plants
  - a. Plant Structures and Functions
  - b. Plant Parents and Their Offspring
2. Animals and How They Communicate
  - a. Animal Parents & Their Offspring
  - b. Animal Communication
3. Sky Patterns
4. Light and Shadows

## GRADE 2

**Standards:** [Next Generation Science Standards \(NGSS\)](#)

**Curriculum:** Inspire Science by McGraw Hill

### Topics Covered:

1. Land & Water
  - a. Earth's Landscapes
2. Properties of Materials
  - a. Describing Materials
  - b. Changing Materials
3. Earth's Changing Landscapes
4. Living Things and Habitats

# SCIENCE

## GRADE 3

**Standards:** [Next Generation Science Standards \(NGSS\)](#)

**Curriculum:** Inspire Science by McGraw Hill

### Topics Covered:

1. Forces Around Us
  - a. Forces & Motion
  - b. Electricity & Magnetism
2. Life Cycles & Traits
  - a. Plant Life Cycles
  - b. Animal Life Cycles
3. Different Environments
  - a. Survive the Environment
  - b. Changing Environments
4. Observing Weather
  - a. Weather Impacts

## GRADE 4

**Standards:** [Next Generation Science Standards \(NGSS\)](#)

**Curriculum:** Inspire Science by McGraw Hill

### Topics Covered:

1. Forces & Energy
  - a. Energy in Motion
2. Using Energy
  - a. Energy Transfer
  - b. Natural Resources in Their Environment
3. Our Dynamic Earth
  - a. Earth & Its Changing Features
  - b. Earthquakes
4. Information Processing & Living Things
  - a. Structures & Functions of Living Things
  - b. Information Processing & Transfer

# SCIENCE

## GRADE 5

**Standards:** [Next Generation Science Standards \(NGSS\)](#)

**Curriculum:** Inspire Science by McGraw Hill

### Topics Covered:

1. Investigate Matter
2. Ecosystems
  - a. Matter in Ecosystems
  - b. Energy in Ecosystems
3. Earth's Interactive Systems
  - a. Earth's Water Systems
  - b. Other Earth Systems
4. Earth & Space Patterns
  - a. Earth's Patterns & Movements
  - b. Earth & Space

# SOCIAL STUDIES

GRADE 1 - 5

Standards: [NIS Elementary Social Studies Standards](#)

Topics Covered:

1. History & Geography
2. Civics & Government
3. Economics



# ICT

## GRADE 1 - 2

Standards: [NIS Elementary ICT Standards](#)

### Topics Covered:

1. Basic Operations
2. Word Processing and Desktop Publishing
3. Database and Spreadsheet
4. Internet and Multimedia
5. Ethics
6. Classroom and Society
7. Research
8. Problem Solving
9. Communication and Collaboration

# ICT

## GRADE 3 - 5

Standards: [NIS Elementary ICT Standards](#)

### Topics Covered:

1. Basic Operations
2. Word Processing and Desktop Publishing
3. Database and Spreadsheet
4. Internet and Multimedia
5. Ethics
6. Classroom and Society
7. Research
8. Problem Solving
9. Communication and Collaboration