

# What's Being Taught in MATHEMATICS



## Grade 8

- Number Sense (Base arithmetic, Basic Operations, Indices and Standard Form, Fractions, Decimals and %)
- Algebra (Linear Graphs, Equations, Sequences, Algebraic Manipulation)
- Geometry (Transformations, Area, Perimeter, Volume, Angles)
- Stats/Probability (Prob Tests, Statistical Diagrams, Cumulative Frequency)
- Class Resource:  
<http://www.cimt.plymouth.ac.uk/projects/mepres/book9/book9.htm>

## Grade 10

- Number (Revision of Number Concepts)
- Discrete Maths (Sets and Venn Diagrams, Logic)
- Algebra (Quadratic Equations, Factorisation, Further Algebra, Formulae)
- Geometry (Coordinate, Transformation and Deductive Geometry)
- Statistics (Univariate Data Analysis, Probability)
- Class Resource:  
<http://www.cimt.plymouth.ac.uk/projects/mepres/allgcse/allgcse.htm>

## Grade 6

- Introduction to Number Theory (Review of Addition, Subtraction, Multiplication, Division)
- Fractions, Decimals, and Percents
- Introduction to Geometry (Angles, Area, Perimeter, Volume)
- Graphs, Data Collection, and Presentation
- Logic and Patterns (Venn Diagrams, Number Sequences, Two Dimensional Number Patterns)
- Introduction to Algebra (Variables, Substitution)
- Class Resource:  
<http://www.cimt.plymouth.ac.uk/projects/mepres/book7/book7.htm>

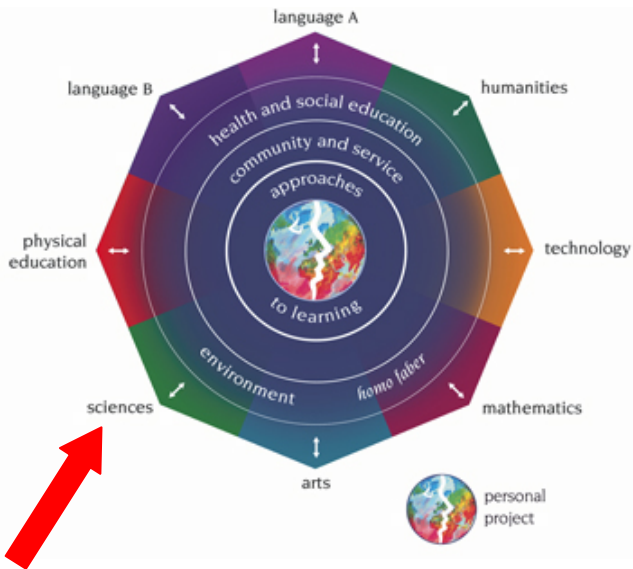
## Grade 7

- Basic Algebra (Variables, Inverse Operations, Solving Equations)
- The use of integers and rational numbers (Fractions, Decimals, Percents) - application with stock market
- Basic Geometry and Trigonometry (Pythagorean Theorem, Nets and Surface Area, Polygons)
- Probability (Probability of two events)
- Data Analysis and Units of Measure (Data Collections, Quantitative Data, Graph Making)
- Class Resource:  
<http://www.cimt.plymouth.ac.uk/projects/mepres/book8/book8.htm>

## Grade 9

- Number (Indices and Standard Form, Fractions, Decimals and %)
- Probability
- Algebra (Formulae, Equations, Number Patterns and Sequences)
- Geometry (Angles, Pythagoras, Area, Perimeter, Volume)
- Algebra (Graphs, Variation, Inequalities)
- Statistics (Data Handling and Analysis)
- Class Resource:  
<http://www.cimt.plymouth.ac.uk/projects/mepres/allgcse/allgcse.htm>

# What's Being Taught in **SCIENCE**



## Grade 6

- Introduction to the Science Lab
- Introduction to Geology
- Weathering and Erosion
- Weather, Climate, and Air Quality (Natural Disaster Independent Study)
- Astronomy
- Science Fair

## Grade 7

- Scientific Experimentation
- Water and Water Quality
- Forensics – The Case of the Missing Microscope
- Microscope Use and Exploration
- “The Secret Life of Stuff”
- Scientific Ethics

## Grade 8

- Science Process Skills (Detergent Experiments)
- Introduction to Chemistry (States of Matter)
- Biodiversity
- Electricity and Magnetism
- Sound and Waves
- Light, Mirrors, and Lenses

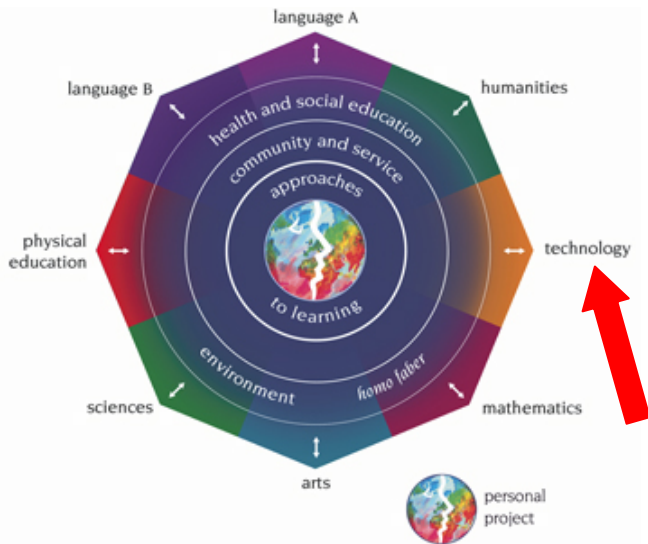
## Grade 10

- Introduction to Physics
- DNA and Heredity
- The Cell
- Introduction to Quantitative Chemistry

## Grade 9

- Scientific Process Skills (The Truth About Science)
- Introduction to Environmental Science
- Evolution
- The Order of Living Things
- Human Body Systems

# What's Being Taught in INFORMATION TECHNOLOGY



## Grade 6

- Open Office: What? Why? And How To?
- Creating New Blogs
- Spread Sheets Part I
- Multimedia Presentation Part I
- Movie Making / Editing Part I
- Digital Image Editing Part I

## Grade 7

- Open Office: What? Why? And How To?
- Organising Blogs Effectively
- Spread Sheets Part II
- Multimedia Presentation Part II
- Movie Making / Editing Part II
- Digital Image Editing Part II

## Grade 8

- Open Office: What? Why? And How To?
- Organising Blogs Effectively / Podcasting and Vodcasting Part I
- Animation Part I
- Digital Image Editing Part III
- Movie Making / Editing Part III
- Programming Part I

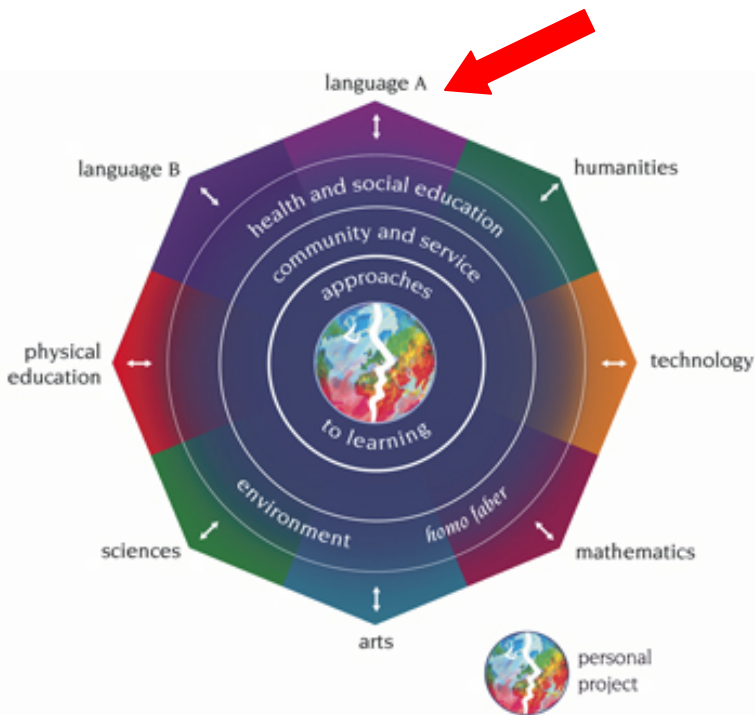
## Grade 9

- Open Office: What? Why? And How To?
- Organizing Blogs / Podcasting and Vodcasting Part II
- Animation Part II
- Digital Image Editing Part IV
- Movie Making / Editing Part IV
- Programming Part II

## Grade 10

- Open Office: What? Why? And How To?
- Organizing Blogs / Podcasting and Vodcasting Part III
- Animation Part III
- Digital Image Editing Part V
- Movie Making / Editing Part V
- Programming Part III

# What's Being Taught in LANGUAGE ARTS ENGLISH



## Grade 6

- Introduction to MYP Interdisciplinary Unit
- Journalling
- Short Stories (Format – Problem, Climax, Resolution)
- Myths and Legends (Ulysses returning home)
- Apartheid
- Poetry Expression (Ballads, Limericks, Haikus)

## Grade 7

- Fantasy (A Wrinkle in Time, A Mid-Summer Night's Dream, Ray Bradbury)
- “The Clay Marble” (Modern Cambodia)
- Script Study – “Anansi” (Slave Narratives)
- “So Much To Tell You” (Family & Trauma)
- I Am Poetry, Hear Me Roar (Spoken Word Poetry)

## Grade 9

- “Frankenstein”
- “Taming of the Shrew”
- Radio – Various Genres
- “Lord of the Flies”
- “The Joy Luck Club”

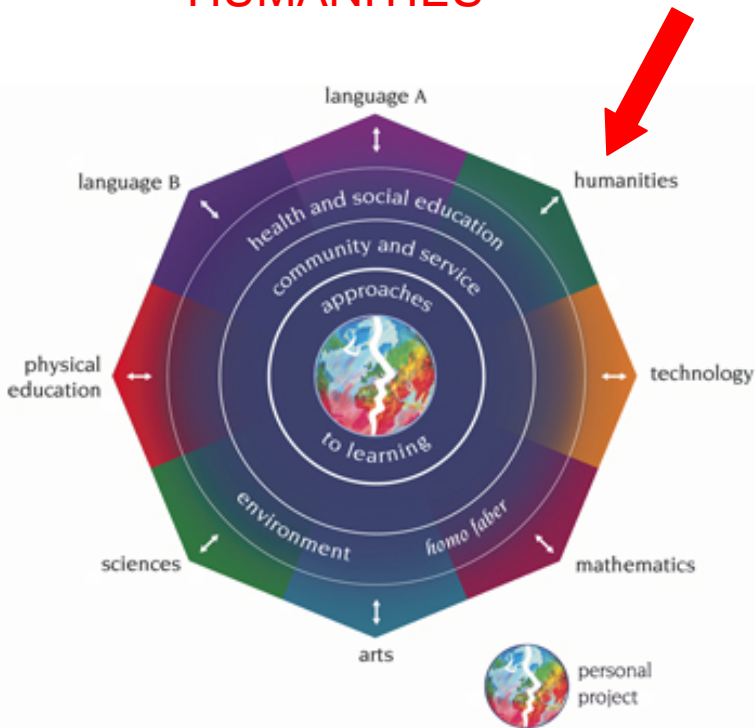
## Grade 8

- “The Giver” (Security vs Freedom)
- Where is the action in my life?
- “Flowers for Algernon” (Medical Ethics)
- Newspaper and Media Writing

## Grade 10

- “The Catcher in the Rye”
- “Cold Mountain”
- TV Media Unit
- “Brave New World”
- Oral Presentation Techniques

# What's Being Taught in HUMANITIES



## Grade 6

- Introduction to MYP Interdisciplinary Unit
- Geography – Islands
- Introduction to History and Archeology
- Ancient Societies and Settlements
- Introduction to Geography

## Grade 7

- Continued Foundations of Geography
- Geography – The Desert
- The Middle Ages
- Slavery
- Energy

## Grade 8

- Exploration
- Geography – The Wetlands
- The Renaissance
- Demography and Demographics

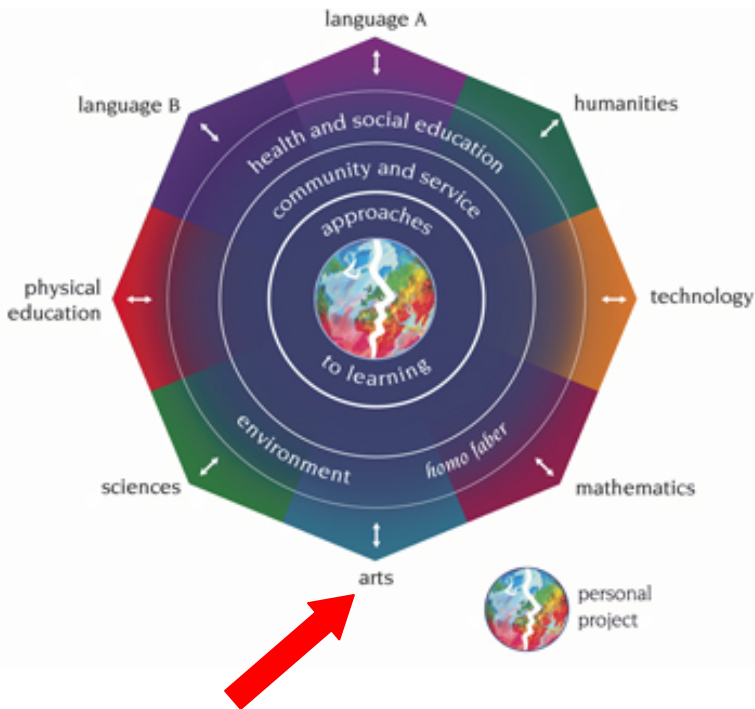
## Grade 9

- Comparison of World Religions
- The Rise and Fall of Colonialism
- Geography - Natural Disasters
- Revolutions

## Grade 10

- International Trade
- World War I and World War II
- Over Population vs Under Population
- Comparative Political Ideologies
- The Cold War

# What's Being Taught in VISUAL ARTS



## Grade 8

- Two Point Perspective
- Relief Printing
- Scaled Reproduction
- School Wall Mural / Keith Haring Graffiti
- Assemblage
- Ceramics / Hispanic Vase

## Grade 10

- Self Portraits
- 20th Century Artists – Field trip to Queen's Gallery
- Lino Prints
- Ceramics – Endangered Animal Vessels
- Organic Mono Prints

## Grade 6

- Block Letters - Alphabet
- Introduction to MYP Interdisciplinary Unit
- The Colour Wheel
- Paul Klee Artists
- Stage Set Design
- Stippling, cross-hatch, and other shading techniques
- Negative spaces

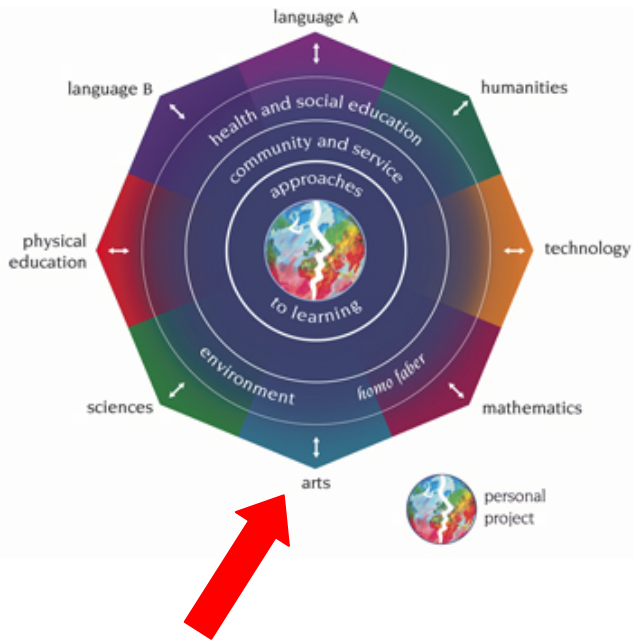
## Grade 7

- One Point Perspective
- School 3D Sculpture (Atrium Mobile)
- Coral Canvas
- Environmental Art
- Art-Themed Residential trip to Chiang Mai – Environment Art / Community and Service
- The Elements of Art
- Ceramic Bells
- Masks

## Grade 9

- Font Design
- Ceramics – Surrealist Tea Pots
- Modern Art Movements
- Texture Montage

# What's Being Taught in **PERFORMING ARTS**



## Grade 6

- Introduction to MYP Interdisciplinary Unit
- Mime
- Characterization
- Improvisation
- Ensemble and Script Writing
- Intro to Music Notation

## Grade 7

- Rock Band
- Composition 1/ Improvisation
- Intro to MIDI 1
- Script Writing
- Stage Craft

## Grade 8

- Indigenous Music
- Musical Genres
- Film Music / Composition 2
- Stage Craft 2

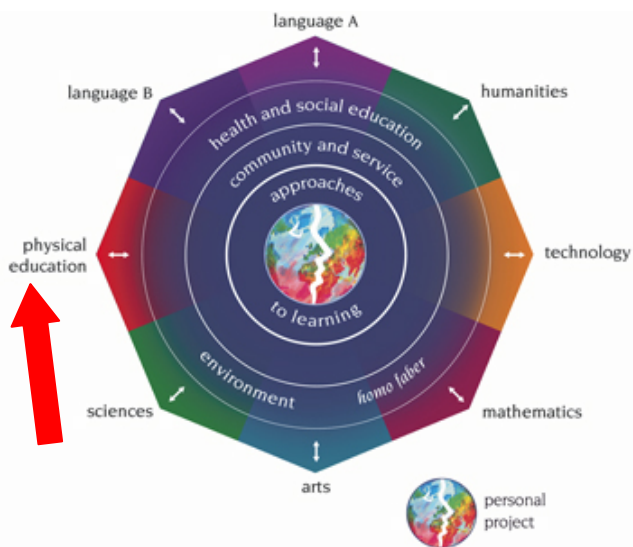
## Grade 9

- Where does drama come from?
- Drama Genres
- Instrument Making
- Composition 3
- MIDI 2

## Grade 10

- MIDI 3
- Composition 4
- Music Periods
- Multi Media Project

# What's Being Taught in PHYSICAL EDUCATION



## Grade 6

- Team Sports: Basketball, Rounders, Volleyball
- Health: First Aid and Hygiene
- Athletics: Basics of Running/Sprinting
- Defence: Basics of Judo
- Gymnastics: Balancing
- Swimming: The Common Strokes
- Music: Moving with Music

## Grade 7

- Team Sports: volleyball, Handball, Rounders, Softball
- Athletics: Running (middle distance), throwing
- Gymnastics: Jumping
- Health: Nutrition and the Body
- Music: Moving with Music
- Swimming: First Aid / Rescue
- Defence: Self Defence (**boys and girls separated**)

## Grade 8

- Team Sports: Ultimate Frisbee, Rugby, Softball
- Athletics: Running (shuttle run test), throwing, student giving a w-up
- Health: Heart Beat and Blood Circulation
- Defence: Self Defence / Boxing
- Gymnastics: Rotation
- Music: Moving with Music – Fitness Heart Beat
- Swimming: The Common Strokes, Games

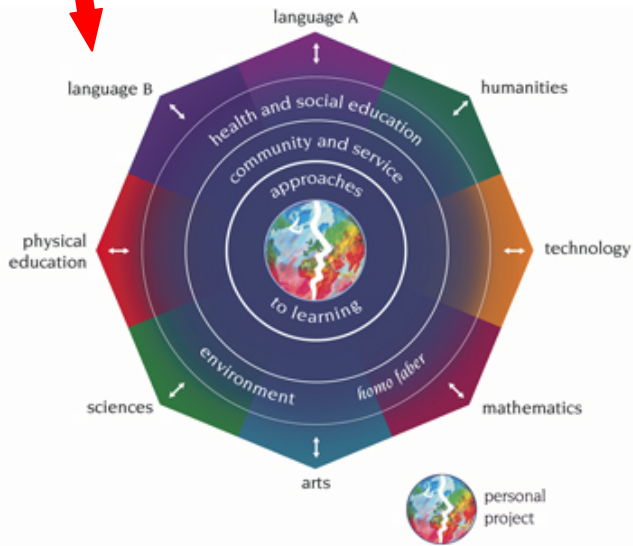
## Grade 10

- Team Sport: Repeating All Team Sports - Giving a lesson to your own class
- Athletics: Repeating All Basics
- Health: Preparing a Personal Program
- Music: Repeating All Skills
- Gymnastics: Repeating All Skills
- Defence: Repeating All Skills
- Introduction to New Sports: SCUBA, Ice Skating, Fitness Centres, etc.

## Grade 9

- Team Sports: Revision of all games, showing them how a lesson is built up. Students teaching students or organizing a competition in class
- Athletics: Circuits, Writing a Personal Training Program
- Health: Fit Body (Muscles and Bones)
- Defence: Karate / Boxing
- Gymnastics: Performing
- Music: Moving with Music with Variations
- Swimming: Aqua Aerobics

# What's Being Taught in SPANISH



## Grade 6

- Greetings and the Alphabet
- Calendar, Numbers, Colors
- Classroom and School Vocabulary
- Describing Yourself and Others
- Family
- The Human Body

## Grade 7

- The Classroom and Classes
- Family, and the Traditional Latin Family
- The Spanish Speaking World
- Daily Routines

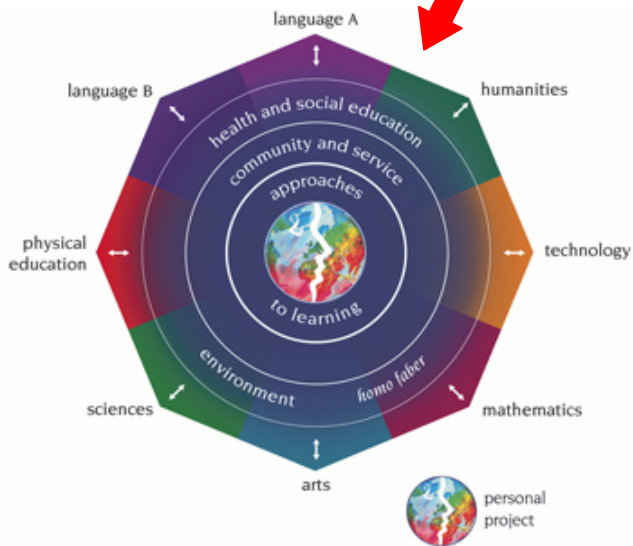
## Grade 8

- Personal Care and Parts of the Body
- Clothes and Shopping
- Traveling
- Food and Cooking

## Grade 9 & 10

- Sports and Health
- Professions
- Current Events and News
- The Future

# What's Being Taught in THAI LANGUAGE



## Grade 6

- Mind Mapping
- Critique Writing
- Persuasive Writing (Advertisement)
- Imaginative Story Writing
- Public Speaking
- Poetry - Gaabyaanee sabet (traditional eleven syllable Thai format)

## Grade 7

- Journal Writing
- Essay Mind Mapping
- Short Stories (Surprise Endings)
- Proverbs
- Poetry – Glon Paed (traditional eight syllable Thai format)
- “Rachathirad” (Historical Novel)

## Grade 8

- Documentary Writing
- Essay Writing
- Writing Letters
- Persuasive Speak/Writing
- Poetry – Gaabchabang Sibhok (traditional sixteen syllable Thai format)

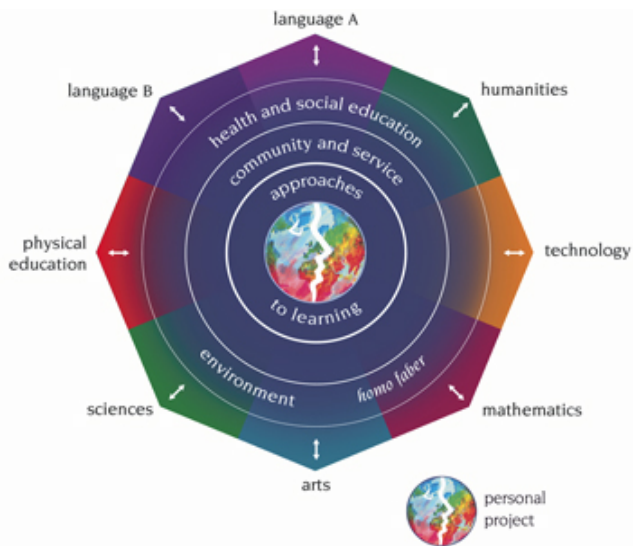
## Grade 9

- Descriptive Writing
- Biography /Historical Essay
- Article Writing
- Poetry – various styles
- Literature (Ayutthaya Period)

## Grade 10

- Report Writing (Teenage Issues)
- Short Stories (Social Class Issues)
- Comparison Writing (Thai Media)
- Play Poems (I-nao an Indonesian Play)
- Poetry – various styles

# What's Being Taught in THAI STUDIES



## Grade 6

- Thai Local Wisdom
- How Bananas are related to Thai society
- Thai Murals
- Khun Chagn Khun Paen – Literature Study (Thai lifestyle during the Ayutthaya period)

## Grade 7

- Tourist Attractions in Thailand
- Pra Rung – Literature Study (Sukhothai Legend)
- Thai Cooking – Snacks
- Ramayana – Literature Study (Thai values)

## Grade 8

- Loan Words
- Traditional Thai Dances and Games
- Thai Artwork
- Suriyothai and Karn Kluay – Thai History

## Grade 9

- Regional Thai Legends
- The Use of Thai Idioms
- Thai Nursery Rhymes and Folk Songs
- Thai Desserts

## Grade 10

- Thai Craft Making
- Nai Khanom Tom – History of Ayutthaya Hero
- Something Very Thai