



## Learning Objectives for Khmer – Grade 5

At the completion of Grade 5, learners should be able to:

### Writing

- Begin to revise and review their own writing
- Use a variety of sentence structures
- Identify and use the four sentence types - declarative, interrogative, exclamatory and imperative
- Create simple outlines to organise ideas
- Use details and adjectives to add interest and clarify meaning
- Write a basic business letter with proper format
- Create pictures and borders to support written work
- Summarise the main idea of lesson topics

### Reading

- Predict events and imagine outcomes
- Differentiate non-fiction from fiction and fact from opinion
- Identify and compare the elements of a story - characters, setting, plot and conflict
- Recognise new vocabulary in context
- Understand and discuss what they have read
- Read aloud with understanding and clear expression
- Research and report on a social studies topic
- Be familiar with the different rhyming patterns in poems and famous Khmer poetry

### Grammar

- Understand and use proper end punctuation
- Know basic conjunctions and use them to connect sentences
- Use simple comparative adjectives to compare and describe nouns
- Know and use subject pronouns
- Identify the main and secondary verbs in a sentence
- Properly use a dictionary
- Know and how it changes the sound of some consonants

## Learning Objectives for English – Grade 5

At the completion of Grade 5, learners should be able to:

### Speaking & Listening

- Use an expanding and varied vocabulary
- Ask and answer relevant questions in class discussions
- Speak clearly, audibly and with proper emphasis
- Present a simple oral presentation with classmates
- Listen to others with respect and attention

### Writing and Grammar

- Form complete and correctly constructed sentences
- Use details and descriptive words to add interest
- Spell high frequency words correctly and apply simple spelling rules
- Spell unfamiliar words in a phonetically correct manner
- Use correct capitalisation and end punctuation
- Understand the difference between nouns, verbs and adjectives
- Transcribe a paragraph of dictation
- Become familiar with the format and usage of an English dictionary
- Write legibly and uniformly

### Reading

- Select and read books independently
- Read aloud with increased fluency, understanding and expression
- Create a story map of the main ideas, resolutions, characters and settings
- Imagine and discuss motives, characters and possible outcomes
- Complete short answer questions about fiction and non-fiction texts
- Understand and apply certain phonetic and decoding strategies

## Learning Objectives for Mathematics – Grade 5

At the completion of Grade 5, learners should be able to:

### Number sense

- Read, write, compare and estimate numbers through the billions
- Compare numbers using notational symbols,  $<$   $>$   $=$
- Round or estimate numbers to a specific place value
- Recognise and calculate factors
- Use multiplication and division facts interchangeably
- Understand and use symbols of ancient number systems, including Roman numerals
- Know the difference between our base 10 number system and systems that use other base numbers

### Computation

- Solve addition and subtraction problems into the millions with regrouping
- Multiply and divide 4 digit numbers with or without remainders
- Identify the necessary information and operation in word problems and solve
- Mentally solve problems using all four processes
- Use measurement skills previously learned to solve word problems
- Check answers by using opposite operations
- Find the missing number in equations with any of the four processes

### Fractions and Decimals

- Expand and reduce fractions and mixed numbers
- Place common fractions in sequential order
- Use Least Common Multiple and Greatest Common Factor to convert fractions
- Change mixed numbers to improper fractions and back

- Add and subtract fractions and mixed numbers
- Multiply and divide fractions with whole or mixed numbers
- Identify, read and write decimals from tenths to the millionths place
- Order decimals from least to greatest
- Change decimals to fractions and back
- Solve problems involving all four processes with decimal and whole numbers
- Round decimal numbers

### **Geometry and Measurement**

- Draw and identify different triangles
- Measure and create obtuse, acute and right angles and recognise them in triangles
- Draw various shapes freehand
- Understand the difference between area and perimeter
- Calculate the perimeter of simple polygons
- Calculate the area of rectangles
- Use a ruler to measure to the nearest  $\frac{1}{2}$  cm

## **Learning Objectives for Social Sciences – Grade 5**

At the completion of Grade 5, learners should be able to:

### **Ancient Civilizations (India, Persia, Mesopotamia, Egypt and Greece):**

- Identify the beginning of the earliest civilisations
- Understand cultural development and the influence of location, agriculture and religious beliefs
- Recall legends and factual information from different time periods
- Use the stories to create their own text and images
- Recognise different architecture, art, literature and societal structure
- Trace the evolution of modern societies back to ancient civilisations
- Artistically replicate forms, patterns and architectural features of various civilisations

### **Geography of Cambodia and Asia:**

- Identify the landforms of Cambodia
- Draw and label a map of Cambodia including the provinces and landforms
- Compare Cambodia today to the Khmer Empire
- Know the capital of Cambodia, Phnom Penh, and its history as well as the influence of the Mekong River in its development
- Choose a province and create a report or poster on that province (outside of class, report)
- Identify the countries that border Cambodia and know their capitals
- Recognise the ASEAN countries and their locations
- Understand the vastness of the continent of Asia and the rich cultural diversity of the different inhabitants
- Map out the path of the Mekong River from its origin through SE Asia
- Compare and contrast different regions of Asia and their cultures, climates and environments
- Draw and label a map of Asia

### **Botany**

- Germinate and observe the growth of plants
- Describe the six stages of a flowering plant's cycle
- Compare monocotyledons and dicotyledons
- Identify common local plants and trees and the growing cycles
- Give examples of lower types of plants

- Understand plant communities and the animals they support
- Know that different types of plants are specific to different regions of the world and their growth is dependent on the climate (rainforest, desert, seashore, etc)
- Describe the role of bees and insects in pollination
- Trace the life cycle of butterflies
- Draw and label the parts of a plant
- Sketch in detail a particular plant or tree through careful observation