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Grade 0 - Measureable Learning Objectives

'K' Khmer Literacy - - The student will be able to:

0-K01 Recite out loud the consonants in order.

0-K02 Read out loud the consonants when the teacher displays them at random.

0-K03 Recite out loud the vowels in order.

0-K04 Read out loud the vowels when the teacher displays them at random.

'M' Mathematics Literacy - - The student will be able to:

0-M01 Recite out loud the Khmer Digits in order.

0-M02 Read out loud the Khmer Digits when the teacher displays them at random.

0-M03 Recite out loud the Arabic Digits in order. The student may use the Khmer name for the Arabic digits.

0-M04 Read out loud the Arabic Digits when the teacher displays them at random. The student may use the Khmer names for the Arabic digits.



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Grade 1 - Measureable Learning Objectives

'K' Khmer Literacy - - The student will be able to:

- 1-K01 Write the consonants from memory, in order.
- 1-K02 Write the consonants when the teacher recites (speaks) them at random.
- 1-K03 Write the vowels from memory, in order .
- 1-K04 Write the vowels when the teacher recites (speaks) them at random.
- 1-K05 Read the words from the Grade 1 Reading List.
- 1-K06 Write (correctly spell the words from the Grade 1 Spelling List. The Grade 1 Spelling List is a subset of the Grade 1 Reading List.
- 1-K07 Summarize a story. The teacher will read a short story and the student will summarize the story. The student is to identify the subject of the story (person, animal, building or other), tell what was going on with the subject and details such as time of day, season of the year, weather conditions.
- 1-K08 Read the phrases from the Grade 1 Phrase List. All the words in these phrases are in the Grade 1 Reading List.
- 1-K09 Read poem from the Grade 1 Poem List.
- 1-K10 Use the mark (accent mark) to make the sound (letter) shorter.
- 1-K11 Use different spelling for words which are pronounced the same and mean the same.

'M' Mathematics Literacy - - The student will be able to:

- 1-M01 Write the 10 Khmer digits in order from memory.
- 1-M02 Write the 10 Arabic digits in order from memory.
- 1-M03 Write the 10 Khmer digits when the teacher recites them at random.
- 1-M04 Write the 10 Arabic digits when the teacher recites them at random.
- 1-M05 Count from 1 to 50 using Khmer digits.
- 1-M06 Count from 1 to 50 using Arabic digits.
- 1-M07 Read the numbers from 1 to 50 written in Khmer digits when the teacher displays them at random.
- 1-M08 Read the numbers from 1 to 50 written in Arabic digits when the teacher displays them at random.
- 1-M09 Recite from memory using Khmer digits, the answer to the seventy addition facts from 0+0 through 6+9 when the teacher displays them at random. These are the facts in the first 7 rows of the addition facts table.
- 1-M10 Recite from memory using Arabic digits, the answer to the seventy addition facts from 0+0 through 6+9 when the teacher displays them at random.
- 1-M11 Add a 1 digit Khmer number to a 2 digit Khmer number (from 10 to 19) with no carry.



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Grade 2 - Measureable Learning Objectives

'K' Khmer Literacy - - The student will be able to:

- 2-K01 Read all the words in the Read List Grade 2.
- 2-K02 Spell all the words in the Spell List Grade 2 from the teacher's dictation (teacher speaking). The Spell List Grade 2 is a subset of the Read List Grade 2.
- 2-K03 Write short sentences from the teacher's dictation. All the words in the sentences are in Spell Lists Grade 1 or Grade 2.
- 2-K04 Write long sentences from the teacher's dictation. All the words in the sentences are in Spell Lists Grade 1 or Grade 2.
- 2-K05 Identify the definition of a noun from a multiple choice list of definitions.
- 2-K06 Identify the nouns in a given sentence. All the words in the sentences are in Read Lists Grade 1 or Grade 2.
- 2-K07 Identify the definition of a verb from a multiple choice list of definitions.
- 2-K08 Identify the verbs in a given sentence. All the words in the sentences are in Read Lists Grade 1 or Grade 2.
- 2-K09 Recite conversations
- 2-K10 Read and summarize a short story: identify the subject (person, animal, building whatever in a story, tell what was going on with the subject and details such as time of day, season of the year, weather conditions. All the words in the sentences are in Read Lists Grade 1 or Grade 2.
- 2-K11 Recite a poem from memory when the teacher gives the student the name of the poem at random from the Poem List Grade 2. All words in the poems are in Read Lists Grade 1 or Grade 2.

'M' Mathematics Literacy - - The student will be able to:

- 2-M01 Count from 51 to 100 using Khmer digits.
- 2-M02 Count from 51 to 100 using Arabic digits.
- 2-M03 Read the numbers from 51 to 100 written in Khmer digits when the teacher displays them at random.
- 2-M04 Read the numbers from 51 to 100 written in Arabic digits when the teacher displays them at random.
- 2-M05 Recite from memory using Khmer digits, the answer to the thirty addition facts from 7+0 through 9+9 when the teacher displays them at random. These are the facts in the last 3 rows of the addition facts table.
- 2-M06 Recite from memory using Arabic digits, the answer to the thirty addition facts from 7+0 through 9+9 when the teacher displays them at random.

- 2-M07 Add two 3 Khmer digit numbers (with carry).
- 2-M08 Add two 3 Arabic digit numbers (with carry).
- 2-M09 Recite from memory using Khmer digits, the answer to the sixty subtraction facts from 0-0 through 14-5 when the teacher displays them at random. These are the facts in the first 6 rows of the subtraction facts table.
- 2-M10 Recite from memory using Arabic digits, the answer to the sixty subtraction facts from 0-0 through 14-5 when the teacher displays them at random.
- 2-M11 Subtract a 2 Khmer digit number from a 2 Khmer digit number (no borrow using the subtraction facts from the first six rows of the subtraction facts table).
- 2-M12 Subtract a 2 Arabic digit number from a 2 Arabic digit number (no borrow using the subtraction facts from the first six rows of the subtraction facts table).
- 2-M13 Subtract a 1 Khmer digit number from a 2 Khmer digit number (with borrow using the subtraction facts from the first six rows of the subtraction facts table).
- 2-M14 Subtract a 1 Arabic digit number from a 2 Arabic digit number (with borrow using the subtraction facts from the first six rows of the subtraction facts table).
- 2-M15 Read a story and perform addition and subtraction to find an answer.



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Grade 3 - Measureable Learning Objectives

'K' Khmer Literacy - - The student will be able to:

- 3-K01 Read all the words in the Read List Grade 3.
- 3-K02 Spell all the words in the Spell List Grade 3 (from the teacher's dictation). The Spell List Grade 3 is a subset of the Read List Grade 3.
- 3-K03 Identify the definition of: pronouns, subject, object, adjective, adverb, synonyms, and antonyms from a multiple choice list of definitions.
- 3-K04 Identify pronouns in given sentences. All the words in the sentences are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K05 Identify the subject in a given sentence. All the words in the sentence are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K06 Identify the object in a given sentence. All the words in the sentence are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K07 Identify the adjectives(s) in a given sentence. All the words in the sentence are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K08 Identify the adverb(s) in a given sentence. All the words in the sentence are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K09 Identify the synonyms in a given sentence. All the words in the sentence are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K10 Identify the antonyms in a given sentence. All the words in the sentence are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K11 Identify sentences as being either a statement, a question or an exclamation. All the words in the sentences are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K12 Identify the mark used at the end of the three types of sentences: Statement, Question and Exclamation.
- 3-K13 Write sentences from the teacher's dictation. All words in the sentences are in Spell Lists Grade 1, Grade 2 or Grade 3.
- 3-K14 Read and summarize a story: Identify the subject (person, animal, building whatever) in a story, tell what was going on with the subject and details such as time of day, season of the year, weather conditions. All words in the story are in Read Lists Grade 1, Grade 2 or Grade 3.
- 3-K15 Recite a poem from memory when the teacher gives the student the name of the poem at random from the Poem List Grade 3. All words in the poems are in Read Lists Grade 1, Grade 2 or Grade 3.

'M' Mathematics Literacy - - The student will be able to:

- 3-M01 Add three 3 Khmer digit numbers (with carry).
- 3-M02 Add three 3 Arabic digit numbers (with carry).

- 3-M03 Recite from memory using Khmer digits, the answer to the forty subtraction facts from 6-6 through 18-9 when the teacher displays them at random. These are the facts in the last 4 rows of the subtraction facts table.
- 3-M04 Recite from memory using Arabic digits, the answer to the forty subtraction facts from 6-6 through 18-9 when the teacher displays them at random.
- 3-M05 Subtract a 3 Khmer digit number from a 3 Khmer digit number (with borrow).
- 3-M06 Subtract a 3 Arabic digit number from a 3 Arabic digit number (with borrow).
- 3-M07 Recite from memory using Khmer digits, the answer to the thirty multiplication facts from $0 \cdot 0$ through $2 \cdot 9$ when the teacher displays them at random. These are the facts in the first three rows of the multiplication facts table.
- 3-M08 Recite from memory using Arabic digits, the answer to the thirty multiplication facts from $0 \cdot 0$ through $2 \cdot 9$ when the teacher displays them at random.
- 3-M09 Read a story and do addition and subtraction to find an answer.
- 3-M10 Relate two numbers as greater than ($>$), less than ($<$) or equal to ($=$).
- 3-M11 Recite the names of the numbers 1000, 2000, 5000, 10000 and 20000 in Khmer from memory.
- 3-M12 Recite the names of the numbers 1000, 2000, 5000, 10000 and 20000 in Arabic from memory.



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Grade 4 - Measureable Learning Objectives

'K' Khmer Literacy - - The student will be able to:

- 4-K01 Read all the words in the Grade 4 Reading List.
- 4-K02 Spell all the words in the Grade 4 Spelling List (from the teacher's dictation). The Grade 4 Spelling List is a subset of the Grade 4 Reading list.
- 4-K03 ល្បះ និង ផ្នែកនៃល្បះ (ល្បះគឺជាក្រុមពាក្យដែលមានន័យគ្រប់គ្រាន់និងបញ្ចប់ដោយសញ្ញា ។ ! ?)
Identify the three types of sentences and ending marks.
- 4-K04 សព្ទនាមប្រិវិសៈ (ខ្ញុំ ឯង យើង អ្នក គាត់ គេ ពួកវា)
Pick the definition of pronouns from a multiple choice list of definitions and identify pronouns in sentences.
- 4-K05 Identify the two types of nouns - - Proper (Riel, Sim) and Non-proper (money, man).
- 4-K06 Pick the definition of adjectives from a multiple choice list of definitions and identify adjectives in sentences.
- 4-K07 Use quote marks for quoting and use << >> the same way quote marks are used.
- 4-K08 Pick the definition of adverbs from a multiple choice list of definitions and identify adverbs in sentences.
- 4-K09 Use the mark to indicate short vowel.
- 4-K10 Use the mark to delete saying the end of the word.
- 4-K11 Use the mark to indicate saying the word twice.
- 4-K12 Read and summarize a story: Identify the subject (person, animal, building whatever) in a story, tell what was going on with the subject and details such as time of day, season of the year, weather conditions. All words in the story are in Read Lists Grade 1, Grade 2, Grade 3 or Grade 4.
- 4-K13 Recite a poem from memory when the teacher gives the student the name of the poem at random from the Poem List Grade 4. All words in the poems are in Read Lists Grade 1, Grade 2, Grade 3 or Grade 4.

'M' Mathematics Literacy - - The student will be able to:

- 4-M01 Recite from memory using Khmer digits, the answer to the forty multiplication facts from 3•0 through 6•9 when the teacher displays them at random. These are the facts in rows 3, 4, 5 and 6 of the multiplication facts table.
- 4-M02 Recite from memory using Arabic digits, the answer to the forty multiplication facts from 3•0 through 6•9 when the teacher displays them at random.
- 4-M03 Add, subtract and multiply Arabic numbers using a calculator.
- 4-M04 Identify the decimal point and the number of decimal places in decimal numbers written in Arabic digits. Hereafter, objectives will distinguish between whole numbers and decimal numbers.
- 4-M05 Add an Arabic decimal number with two decimal places to an Arabic decimal number with one decimal place with carry.
- 4-M06 Subtract an Arabic decimal number with one decimal place from an Arabic decimal number with two decimal places with borrow.
- 4-M07 Subtract an Arabic decimal number with two decimal places from an Arabic decimal number with one decimal place with borrow.
- 4-M08 Add and subtract decimal numbers using a calculator.
- 4-M09 Solve money related selling and buying problems using a calculator.



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Grade 5 - Measureable Learning Objectives

'K' Khmer Literacy - - The student will be able to:

- 5-K01 Read all the words in the Read List Grade 5.
- 5-K02 Spell all the words in the Spell List Grade 5 (from the teacher's dictation). The Spell List Grade 5 is a subset of the Read List Grade 5.
- 5-K03 Identify the definition of Adjectives from a multiple choice list of definitions.
- 5-K04 Specify the types of adjectives.
- 5-K05 Identify ownership adjectives.
- 5-K06 Identify pronouns by person (First /Second/Third Person).
- 5-K07 Identify pronouns as singular or plural.
- 5-K08 Use mark to replace one consonant with short vowel(s).
- 5-K09 In sentences, identify comparative adjectives (I am **shorter** than you.)
- 5-K10 Use coordinating conjunctions to make compound and complex sentences.
- 5-K11 Use subject, verb and objects in sentences. (I hit the dog.)
- 5-K12 Use the colon (Hi Naryla:).
- 5-K13 Use of exclamation mark (Snake!).
- 5-K14 Read and summarize a story: Identify the subject (person, animal, building whatever) in a story, tell what was going on with the subject and details such as time of day, season of the year, weather conditions. All words in the story are in Read Lists Grade 1, Grade 2, Grade 3, Grade 4 or Grade 5.
- 5-K15 Recite a poem from memory when the teacher gives the student the name of the poem at random from the Poem List Grade 5. All words in the poems are in Read Lists Grade 1, Grade 2, Grade 3, Grade 4 or Grade 5.

'M' Mathematics Literacy - - The student will be able to:

- 5-M01 Recite from memory using Khmer digits, the answer to the thirty multiplication facts from $7 \bullet 0$ through $9 \bullet 9$ when the teacher displays them at random. These are the facts in the last three rows of the multiplication facts table.
- 5-M02 Recite from memory using Arabic digits, the answer to the thirty multiplication facts from $7 \bullet 0$ through $9 \bullet 9$ when the teacher displays them at random.
- 5-M03 Subtract an Arabic decimal number with one decimal place from an Arabic decimal number with two decimal places with borrow.
- 5-M04 Subtract an Arabic decimal number with two decimal places from an Arabic decimal number with one decimal place with borrow.
- 5-M05 Multiply Arabic decimal numbers using a calculator.
- 5-M06 Use the concept of multiplication to divide Arabic whole numbers (Arabic whole number answers).
- 5-M07 Divide Arabic decimal numbers using a calculator (Arabic whole number answers).
- 5-M08 Divide Arabic decimal numbers using a calculator (Arabic decimal number answers).
- 5-M09 Find $1/2$, $1/4$ and $1/10$ of the Arabic whole number 100.
- 5-M10 Find 0.5, 0.25 and 0.1 of the Arabic whole number 100 using a calculator.
- 5-M11 Change Arabic percent numbers into Arabic decimal numbers.
- 5-M12 Find the percent of an Arabic whole number and an Arabic decimal number using a calculator.

- 5-M13 Solve job related markup and discount word problems involving percent.
- 5-M14 Talley results into a table.
- 5-M15 Produce bar, line and circle graphs.
- 5-M16 Add and subtract like fractions (same denominator).
- 5-M17 Multiply and divide fractions.
- 5-M18 Add and subtract unlike fractions (different denominators).
- 5-M19 Convert between Riel and USD.



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Grade 6 - Measureable Learning Objectives

'K' Khmer Literacy - - The Student will be able to:

- 6-K01 Read all the words in the Grade 6 Reading List.
- 6-K02 Spell all the words in the Grade 6 Spelling List (from the teacher's dictation). The Grade 6 Spelling List is a subset of the Grade 6 Reading list.
- 6-K03 Use uncountable nouns in questions (somebody, nobody, anybody, everybody, something, anything).
- 6-K04 Use conjunctions to connect two sentences (I like to ride in a car because I do not like to walk).
- 6-K05 Use quantity adjectives (all cats, two dogs)
- 6-K06 Use 'wh' questions (Who, what, when, where, why: Why do you eat breakfast?)
- 6-K07 Use questions where the answer is 'yes' or 'no'.
- 6-K08 Use of demonstrative adjectives (this, that, these, those)
- 6-K09 Use verbs with no object (I run.)
- 6-K10 Use verbs with object (I run to school.)
- 6-K11 Use the mark to make a different pronunciation of a vowel.
- 6-K12 Use parenthesis to add clarification of a word or a sentence.
- 6-K13 Use that and this (singular) and those and these (plural) as subjects
- 6-K14 Use conjunctions to connect two sentences but do not duplicate subject ("I go to school. I write the lesson." becomes "I go to school and write the lesson.")
- 6-K15 Read and summarize a story: Identify the subject (person, animal, building whatever) in a story, tell what was going on with the subject and details such as time of day, season of the year, weather conditions. All words in the story are in Read Lists Grade 1, Grade 2, Grade 3, Grade 4, Grade 5 or Grade 6.
- 6-K16 Recite a poem from memory when the teacher gives the student the name of the poem at random from the Poem List Grade 6. All words in the poems are in Read Lists Grade 1, Grade 2, Grade 3, Grade 4, Grade 5 or Grade 6.

'M' Mathematics Literacy - - The Student will be able to:

- 6-M01 Solve job related word problems, involving the following topics, using a calculator:
 - Money
 - Travel
 - Cost projections
 - Approximations
 - Time payments
 - Budgeting
 - Percent
 - Medication
 - Income and cost of living
- 6-M02 Take distance, weight, volume and time measurements and solve word problems relating to the measurements,
- 6-M03 Solve job related word problems, involving the following topics, using a calculator:
 - Money
 - Travel
 - Cost projections
 - Approximations
 - Time payments

Budgeting
Percent
Medication
Income and cost of living

- 6-M04 Take distance, weight, volume and time measurements and solve word problems relating to the measurements,
- 6-M05 Take measurements using geometry and solve word problems relating to the measurements.
- 6-M06 Calculate the rate (percent) of interest for a loan given the principle, interest and the time.