

EAST CREE ONLINE LESSONS USER AND PEDAGOGICAL GUIDE

URL: <https://lessons.eastcree.atlas-ling.ca>

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I. Introduction

This guide is intended for users of the East Cree learning software available on the site eastcree.org and atlas-ling.ca. It will also be useful for teachers who wish to use it as a supplement to their classes. This guide contains a brief description of the target audience and the method used. After an introduction to the East Cree language, we present the software, then the content and the proposed progression, while highlighting the educational objectives of each level and/or lesson. Finally, we give examples of activity types available with the software. Of course, since hundreds of activities are possible with thousands of combinations, we invite the user to try them online.

II. Target Audience and Method

These series of lessons/activities are designed primarily for adult Cree speakers who are fluent in their language and wish to learn and master the standard orthography.

Our approach combines the phonic method and the global method for learning to read. The syllabic characters are always presented in the context of complete words. The activities are designed so that students gradually learn the presented elements, which include syllabic characters, vocabulary items and grammatical concepts. Numerous activities are also based on complete texts.

The first series of lessons/activities is designed for self-learning. The more advanced series is designed to accompany advanced literacy courses by furthering vocabulary enrichment, mastery of grammatical spelling and grammatical concepts, discovery of the language's morphological structure and working with whole texts.

These lessons/activities were also designed to complement the literacy classes offered by the Cree School Board. Users are invited to consult the thematic dictionary (<https://dictionary.eastcree.org/words>), the spelling manual (<https://www.eastcree.org/cree/en/grammar/spelling-east-cree/>) and the online grammar (<http://grammar.eastcree.org/cree/en/>).

III. Introduction to the East Cree Language

Eastern James Bay Cree is part of the large family of Algonquian languages stretching from the Atlantic to the Rocky Mountains; specifically, it is part of the Cree-Innu language continuum

(see www.atlas-ling.ca). In 2016, East Cree was spoken by more than 18,000 people in Québec. There are nine East Cree communities¹ whose dialects can be grouped together as follows.

¹ Two additional communities have recently been recognized by the Cree Nation Government: Washaw Sibi (near Amos in Québec) and MoCreebec (residents of Moose Factory or Moosonee in Ontario).

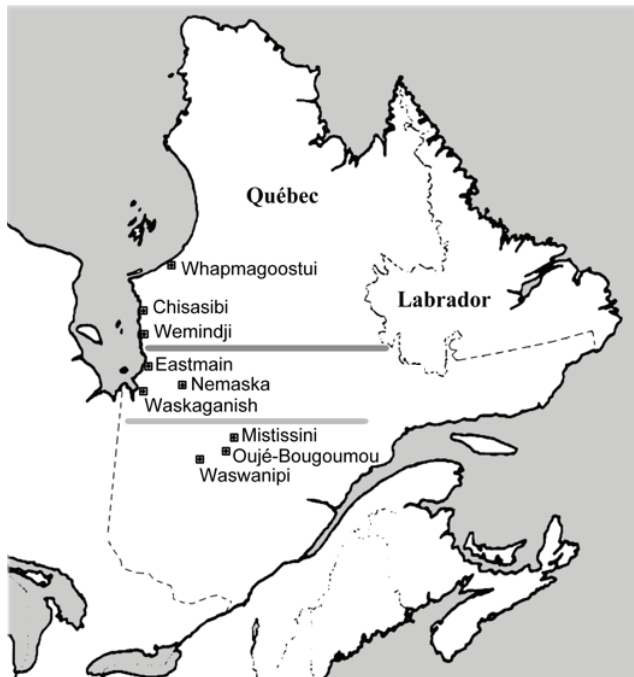
Classification of Cree dialects

East Cree can be divided into two main dialects, Southern and Northern. They differ in their pronunciation and spelling, as well as in their vocabulary and certain grammatical features. The Northern dialect includes the communities of Whapmagoostui, Chisasibi, and Wemindji. The Southern dialect is divided into two sub-dialects: Coastal (Eastmain, Waskaganish, Nemaska) and Inland (Mistissini, Oujé-Bougoumou and Waswanipi).

| Northern | Southern | |
|---------------|-------------|----------------|
| Whapmagoostui | Coastal | Inland |
| Chisasibi | Eastmain | Mistissini |
| Wemindji | Waskaganish | Oujé-Bougoumou |
| | Nemaska | Waswanipi |

The majority of Cree in Québec tend to speak English as a second language. There is also a minority population that speaks French.

Map of East Cree communities



Writing system

The Cree read and write using a syllabic orthography based on the writing system created by James Evans, a Methodist priest serving the Ojibwe and Cree in Ontario and Manitoba from the 1820s to the 1840s. Modified versions of this system are now also used by the Inuit. The East Cree system is fully pointed, that is, a dot is used above the symbol to mark vowel length. In addition, a dot to the left of the symbol indicates w before a vowel; a small circle in final position (°) indicates a w or consonantal u at the end of a word; and the (") is a symbol for h.

The roman orthography that corresponds to the syllabics is rarely used. However, standard roman orthography can be found in the dictionary, and also allows for typing in syllabics, among other things.

Syllabics chart – Eastern James Bay Cree

| | | | | | | | | | | |
|------------|-------------|------------|-------------|------------|-------------|------------|-------------|----------------------|-------------|-----------|
| ▽ | △ | △̇ | ▷ | ▷̇ | ◁ | ◁̇ | ◦ | " | | |
| <i>e</i> | <i>i</i> | <i>ii</i> | <i>u</i> | <i>uu</i> | <i>a</i> | <i>aa</i> | <i>u</i> | <i>h</i> | | |
| ·▽ | ·△ | ·△̇ | ·▷ | ·▷̇ | ·◁ | ·◁̇ | | | | |
| <i>we</i> | <i>wi</i> | <i>wii</i> | <i>wu</i> | <i>wuu</i> | <i>wa</i> | <i>waa</i> | | | | |
| ∨ | ·∨ | ∧ | ∧̇ | > | >̇ | < | <̇ | < | | |
| <i>pe</i> | <i>pwe</i> | <i>pi</i> | <i>pii</i> | <i>pu</i> | <i>puu</i> | <i>pa</i> | <i>paa</i> | <i>pwaa</i> <i>p</i> | | |
| U | ·U | ∩ | ∩̇ | ∩ | ∩̇ | ∩ | ∩̇ | ∩ | | |
| <i>te</i> | <i>twe</i> | <i>ti</i> | <i>tii</i> | <i>tu</i> | <i>tuu</i> | <i>ta</i> | <i>taa</i> | <i>twaa</i> <i>t</i> | | |
| q | ·q | p | ṗ | d | ḋ | b | ḃ | ·b | b | ° |
| <i>ke</i> | <i>kwe</i> | <i>ki</i> | <i>kii</i> | <i>ku</i> | <i>kuu</i> | <i>ka</i> | <i>kaa</i> | <i>kwaa</i> | <i>k</i> | <i>kw</i> |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>che</i> | <i>chwe</i> | <i>chi</i> | <i>chii</i> | <i>chu</i> | <i>chuu</i> | <i>cha</i> | <i>chaa</i> | <i>chwaa</i> | <i>ch</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>me</i> | <i>mwe</i> | <i>mi</i> | <i>mii</i> | <i>mu</i> | <i>muu</i> | <i>ma</i> | <i>maa</i> | <i>mwaa</i> | <i>m</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>ne</i> | <i>nwe</i> | <i>ni</i> | <i>nii</i> | <i>nu</i> | <i>nuu</i> | <i>na</i> | <i>naa</i> | <i>nwaa</i> | <i>n</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>le</i> | <i>lwe</i> | <i>li</i> | <i>lii</i> | <i>lu</i> | <i>luu</i> | <i>la</i> | <i>laa</i> | <i>lwaa</i> | <i>l</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>se</i> | <i>swe</i> | <i>si</i> | <i>sii</i> | <i>su</i> | <i>suu</i> | <i>sa</i> | <i>saa</i> | <i>swaa</i> | <i>s</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>she</i> | <i>shwe</i> | <i>shi</i> | <i>shii</i> | <i>shu</i> | <i>shuu</i> | <i>sha</i> | <i>shaa</i> | <i>shwaa</i> | <i>sh</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>ye</i> | <i>ywe</i> | <i>yi</i> | <i>yii</i> | <i>yu</i> | <i>yuu</i> | <i>ya</i> | <i>yaa</i> | <i>ywaa</i> | <i>y</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>re</i> | <i>rwe</i> | <i>ri</i> | <i>rii</i> | <i>ru</i> | <i>ruu</i> | <i>ra</i> | <i>raa</i> | <i>rwaa</i> | <i>r</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>ve</i> | <i>vwe</i> | <i>vi</i> | <i>vii</i> | <i>vu</i> | <i>vuu</i> | <i>va</i> | <i>vaa</i> | <i>vwaa</i> | <i>v, f</i> | |
| ᑭ | ·ᑭ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ᑭ | ᑭ̇ | ·ᑭ | ᑭ | |
| <i>the</i> | <i>thwe</i> | <i>thi</i> | <i>thii</i> | <i>thu</i> | <i>thuu</i> | <i>tha</i> | <i>thaa</i> | <i>thwaa</i> | <i>th</i> | |

A guide to the pronunciation of syllabics can be found in the *Talking Syllabic Chart*, which is downloadable from the eastcree.org website: <http://eastcree.org/syl-keyboard.html>

A general guide to Cree pronunciation can be found in the section *The Sounds of East Cree*: <https://www.eastcree.org/cree/en/grammar/sounds-east-cree/>

For spelling, consult <https://www.eastcree.org/cree/en/grammar/spelling-east-cree/>

And for typing in syllabics, see: <https://www.eastcree.org/cree/en/resources/how-to/cree-fonts/>

Cree language structure

Cree structure is quite different from that of French and English. Some differences include:

Grammatical gender: Cree nouns are classified as either animate or inanimate. Nouns referring to people, animals and various types of vegetation (including trees and certain plants) are classified as animate. Certain objects such as cars, caribou hide, bread and snowmobiles are also animate. All other nouns are inanimate.

Verb classes: Cree verb classes are distinguished according to whether the verb is transitive or intransitive, and also by the gender (animate or inanimate) of the participants (agent and patient).

Transitive Animate Verb (VTA)

·ᓴᓂᓃᓃ° waapameu **vta** ♦ s/he sees him/her/it (animate, for example: a snowshoe, a friend)

Transitive Inanimate Verb (VTI)

·ᓴᓂᓃᓃᓂ° waapahtam **vti** ♦ s/he sees it

Animate Intransitive Verb (VAI)

ᓃᓂᓃ° nipaa u **vai** ♦ s/he sleeps

ᓃᓂᓃᓂ° mihkusuu **vai** ♦ s/he, it (animate, for example a mitten) is red

Inanimate Intransitive Verb (VII)

ᓃᓂᓃᓂᓃ° chimuwin **vii** ♦ it is raining

ᓃᓂᓃᓂᓃᓂ° mihkwaau **vii** ♦ it is red

Cree has only four word classes or grammatical categories: **nouns** (words that designate living beings and things); **pronouns** (words that replace nouns); **verbs** (words that describe actions and states of being); and **particles**, which include the equivalents of conjunctions ('and', 'but'), prepositions ('under') and adverbs ('very').

While the complexity of English and French lies at the sentence level, the complexity of Cree is found at the level of the word. In Cree, a single verb can always constitute a sentence. This is easily seen in the dictionary definitions: all the English translations of Cree verbs are complete sentences.

For more information, see: www.eastcree.org

IV. Content and progression (Literacy)

1. Reading and Writing in Cree
2. Reading and Thematic Vocabulary
3. Vocabulary and Grammar
4. Grammar
5. Vocabulary
6. Reading Texts

1. Reading and Writing in Cree

General objective: Learn syllabic characters.

Pedagogical considerations:

We chose to contrast as much as possible the syllabic characters that are taught, that is, characters that vary according to the consonant (e.g. ᐃ, ᐃ̇, ᐃ̈, ᐃ̉) and not the vowel (e.g. ᐃ̇, ᐃ̈, ᐃ̉, ᐃ̊), because the vowel only corresponds to a change in the character's orientation (see the variation of characters according to the column rather than the row in the syllabic chart).

Although occurring in a couple of lessons, we deliberately chose not to contrast characters that differ according to the use of the dot above (which indicates vowel length, e.g.: ᐃ, ᐃ̇), and the use of the dot on the left (which indicates the presence of a w in front of the vowel, e.g.: ᐃ̈, ᐃ̉).

We have also tried as much as possible to respect a parallel progression between the two dialects, despite the differences in characters (for example, the absence of 'e' ᐃ̈ in the Northern dialect).

A chart highlighting which syllabics are introduced in which lesson is available in Appendix A. The superscript number next to each character indicates the number of the Lesson in which the syllabic character is introduced.

Lessons 1-8: Large characters

General objective: Learn large syllabic characters located in common words.

The table below shows, for each dialect, the characters and words used in the progression.

| Lesson 1 | Dialect | Syllabics | Vocabulary |
|----------|---------|-------------------------------------|---|
| | N | ᐃ̇ ᐃ̈ ᐃ̉ ᐃ̊ [pî, pâ, shî, sî, â] | ᐃ̇ᐃ̈ᐃ̉ᐃ̊ [pîsim, pâhpiu, shîshîp, sîpî, âmû] |
| | S | ᐃ̈ ᐃ̉ ᐃ̊ ᐃ̋ [â pî sí shî pâ] | ᐃ̈ᐃ̉ᐃ̊ᐃ̋ [â mû, pîsim, sîpî, shîshîp, pâhpû] |
| Lesson 2 | Dialect | Syllabics | Vocabulary |
| | N | ᐃ̇ ᐃ̈ ᐃ̉ ᐃ̊ | ᐃ̇ᐃ̈ᐃ̉ᐃ̊ |

4. Grammar

Objective: Master grammatical concepts.

These activities are designed to accompany advanced literacy courses where grammatical concepts are presented.

A. Nouns and verbs

4.1 Which is a verb or a noun?

Objective: Learn what is a noun ᐃᐣᓂᓐᓃᐱᓐ/ᐃᐣᓂᓐᓃᐱᓐᓂᓐ or a verb ᐃᐱᓐᓃᐱᓐ/ᐃᐱᓐᓃᐱᓐᓂᓐ.

All words (nouns and verbs) are presented in their dictionary form, for example verbs are in the 3rd person singular proximate independent neutral.

| Vocabulary | | | | | |
|------------|-----------------|---|----------|----------------|---|
| Northern | | | Southern | | |
| ᐱᐱᓐ | atim | N | ᐱᐱᓐ | atim | N |
| ᐱᓐᐱᓐᓂᓐ | awâshish | N | ᐱᓐᐱᓐ | awâsh | N |
| ᐱᓐᐱᓐᓂᓐ | chishâyiyiu | N | ᐱᓐᐱᓐᓂᓐ | chisheîyiyû | N |
| ᐱᓐᐱᓐᓂᓐᓂᓐ | chishâyishkwâsh | N | ᐱᓐᐱᓐᓂᓐᓂᓐ | chisheishkwesh | N |
| ᐱᓐᓂᓐᓂᓐ | ishkwâshish | N | ᐱᓐᓂᓐᓂᓐ | ishkwesh | N |
| ᐱᓐᓂᓐ | iskwâu | N | ᐱᓐᓂᓐ | iskweu | N |
| ᓂᓐᐱᓐᓂᓐ | nâpâshish | N | ᓂᓐᐱᓐ | nâpesh | N |
| ᓂᓐᐱᓐ | nâpâu | N | ᓂᓐᐱᓐ | nâpeu | N |
| ᓂᓐᓂᓐ | pûshî | N | ᓂᓐᓂᓐ | pûshî | N |
| ᐱᓐᓂᓐ | apiu | V | ᐱᓐᓂᓐ | apû | V |
| ᐱᓐᓂᓐᓂᓐ | ayimiu | V | ᐱᓐᓂᓐᓂᓐ | ayimû | V |
| ᐱᓐᓂᓐ | mâtû | V | ᐱᓐᓂᓐ | mâtû | V |
| ᐱᓐᓂᓐᓂᓐ | mîchisû | V | ᐱᓐᓂᓐᓂᓐ | mîchisû | V |
| ᓂᓐᓂᓐᓂᓐ | nîmiu | V | ᓂᓐᓂᓐᓂᓐ | nîmû | V |
| ᓂᓐᓂᓐᓂᓐ | nikimû | V | ᓂᓐᓂᓐᓂᓐ | nikamû | V |
| ᓂᓐᓂᓐ | nipâu | V | ᓂᓐᓂᓐ | nipâu | V |
| ᓂᓐᓂᓐᓂᓐ | pâhpiu | V | ᓂᓐᓂᓐᓂᓐ | pâhpû | V |
| ᓂᓐᓂᓐᓂᓐ | pâtâu | V | ᓂᓐᓂᓐᓂᓐ | petâu | V |
| ᓂᓐᓂᓐᓂᓐ | tâpwâu | V | ᓂᓐᓂᓐᓂᓐ | tepweu | V |

5. Vocabulary

Objective: Test vocabulary knowledge and reading ability (no sound).

5.1 Antonyms - Action verbs

| Vocabulary | | | |
|-----------------|----------------------------|-----------------|---------------------------|
| Northern | | Southern | |
| ᑎᑕᓂᓐ : ᑭᓂᓐ | tikushin : mâchîu | ᑕᑕᓂᓐ : ᑭᓂᓐ | takushin : mâchîu |
| ᓂᓐᑭ : ᓂᓐᑕᓐ | chîshpû : shîutâu | ᓂᓐᑭ : ᓂᓐᑕᓐ | chîshpû : shîuteu |
| ᓂᓐᑕᓐᑕᓐ : ᓂᓐᑕᓐᑕᓐ | chihchihihtâu : pimuhthâu | ᓂᓐᑕᓐᑕᓐ : ᓂᓐᑕᓐᑕᓐ | chihchihihtâu : pimuhthau |
| ᓂᓐᑕᓐᑕᓐ : ᓂᓐᑕᓐᑕᓐ | chîmuchiyimiu : chishwâwâu | ᓂᓐᑕᓐᑕᓐ : ᓂᓐᑕᓐᑕᓐ | chîmuchiyimîu : âshihkweu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | nîpû : apiu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | nîpû : apû |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | pâhpiu : mâtû | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | pâhpiu : mâtû |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | pisîu : chiyipîu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | pisîu : chîpîu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | nipâu : winishkâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | nipâu : wanishkâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | wiyiwîu : pîhchichâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | wîwîu : pîhcheu |
| | | ᓂᓐᑕᓐᑕᓐ : ᓂᓐᑕᓐᑕᓐ | kuspâhtuwîu : nîshâhtuwîu |

5.2 Antonyms – Verbs that end with °.

| Vocabulary | | | |
|--------------|----------------------------|--------------|-------------------------|
| Northern | | Southern | |
| ᑎᓂᓐᑕᓐ : ᓂᓐᑕᓐ | tipiskâu : chîshikâu | ᑎᓂᓐᑕᓐ : ᓂᓐᑕᓐ | tipiskâu : chîshikâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | wâpâu : wiyipâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | wâpâu : wîpâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | yûskâu : mishkiwâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | yûskâu : mashkuwâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | shâkiwâu : iyikishkâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | shâkuwâu : iyakashkâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | sâkischinâu : pishishikwâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | sâkaschineu : pishikwâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | ukâshtâyâu : wâsâyâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | ukâshteyâu : wâseyâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | tihkwâu : chinwâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | tahkwâu : chinwâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | tihkâu : chishitâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | tahkâu : chishiteu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | îshpâu : tipihtâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | ishpâu : tapihtâu |
| ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | wâkâu : kuiskwâu | ᓂᓐᑕᓐ : ᓂᓐᑕᓐ | wâkâu : kuiskwâu |

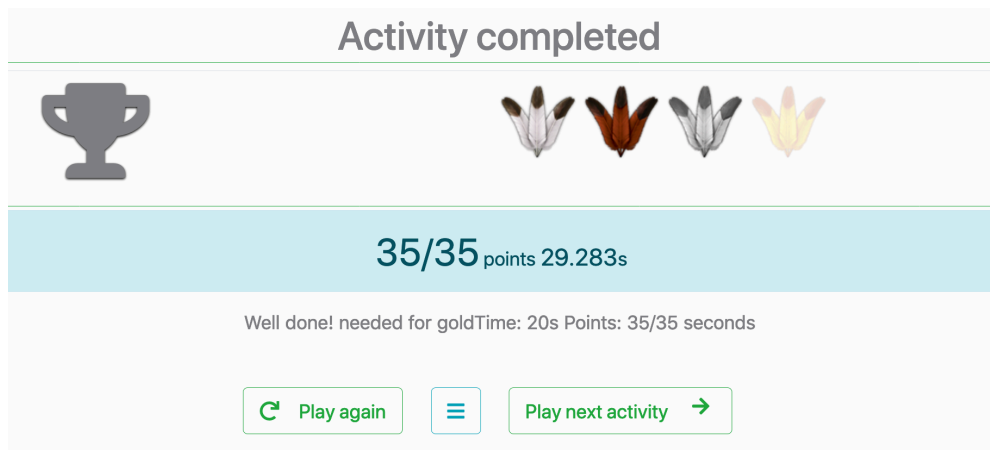
V. Software and types of activities

Evaluation

Performance is evaluated based on precision and/or speed.

Scoring

The results are displayed as follows:



The screenshot shows a completion screen with the following elements:

- Header: "Activity completed"
- Icons: A trophy icon on the left and four hand icons (two grey, two yellow) in the center.
- Score: "35/35 points 29.283s" displayed in a light blue bar.
- Message: "Well done! needed for goldTime: 20s Points: 35/35 seconds"
- Buttons: "Play again" (with a refresh icon), a menu icon (three horizontal lines), and "Play next activity" (with a right arrow icon).

The percentage reflects the number of correct answers and the timer indicates how quickly the student was able to complete the activity. Both accuracy and speed determine the student's overall result.

For example, to reach the gold level, the student must get 100% accuracy and complete the activity within a predetermined amount of time (for example, in 25 seconds or less).





For certain activities, the timer is the only factor considered because 100% accuracy may not be possible (e.g., in the Word Memory Matching activity).

User Interaction

For accessibility reasons, many of the activities must be completed using "click and click" rather than "drag and drop".

Activities Types

The software currently includes 12 types of activities and close to 54 sub-types, according to the settings of the parameters. For example, for *Recognizing New Words* activities we (content providers) can choose to expose the learner only to words in the current lesson, or to words in preceding lessons as well. We can also choose the maximum number of elements to include in an activity, and control or adjust audio specifications.

| | | | |
|---|--|--|---|
|  Dialect: Northern |  Level: East Cree Syllabics Lessons & Exercises |  Lesson: Lesson 5 - ᓂᓴᓴ |  Activity Choose |
|---|--|--|---|

Here are the 12 types that appear on the right-hand side of the navigation bar.

- Categorization
- Choose
- Matching
- Dictation
- Drawing
- Memory Game
- Missing syllabic(s)
- Word search
- Crossword
- Spelling
- Word pairs
- Fill in the blanks

Below, we illustrate each type with some actual examples.

Available Activities Types with examples

Transportation - Animate & Inanimate [Categorization]

The goal of this activity is to select the grammatical class corresponding to the word displayed above by clicking on the correct box.

Things and Actions - Nouns & verbs [Categorization]

The goal of this activity is to select the grammatical class corresponding to the word displayed above by clicking on the correct box.

Recognizing New Words [Choose]

In this activity, students learn to match audio recordings with written words. At any time, a student can click “Replay” to hear the word pronounced again.

Recognizing All Syllabics [Choose]

In this activity, the student listens to the word being pronounced and then clicks on the box containing the corresponding word. At any time, the student can click on “Replay” to hear the word again.

This is more challenging than *Recognizing New Syllabics*, because it includes words from previous lessons.

Matching Words to Images [Matching]

The objective of this activity is to match words to their corresponding images by clicking on them. The student can either click the word and then the image, or vice versa.

Dictation [Dictation]

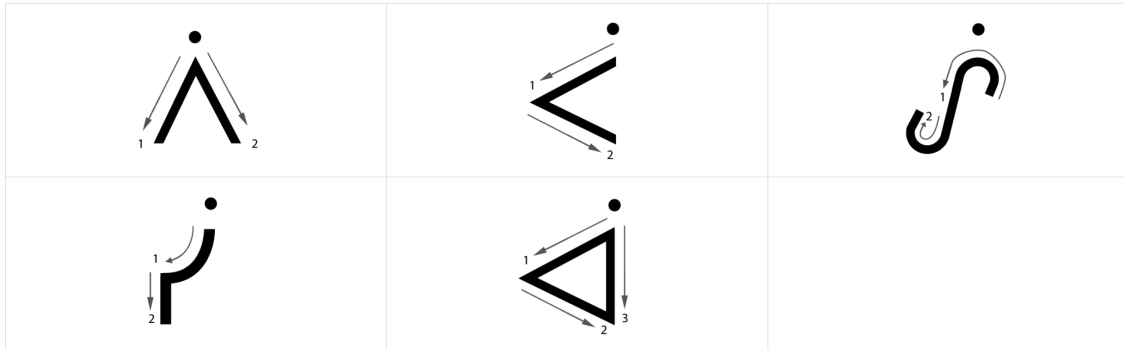
After listening to a recording of a word, the student types the word into the box and then clicks the check mark to verify the answer, at which point an arrow appears. If the word is spelled correctly, the timer is paused; if not, the timer continues. To move on to the next word, the student clicks the arrow. At any time, the student can click “Replay” to hear the word again.

Drawing [Drawing syllabics]

Drawing

Instructions

Take a piece of paper and a pencil and draw the syllabics as illustrated.



The objective of this activity is to learn how to write syllabics. The student is asked to take a piece of paper and a pencil and draw the syllabics as illustrated.

Syllabic Memory Matching [Memory game]

Choose an activity

Replay instruction

Dialect:
Northern

Level:
East Cree Syllabics Lessons & Exercises

Lesson:
Lesson 3 - ᑭᓄᑦ

Activity
Memory game

Stats
01:15

Syllabic Memory Matching

Find pairs of matching words by clicking on the tiles

4/10

| | | | | |
|---|---|---|---|---|
| | ᑭ | ᑭ | | |
| | ᑭ | | ᑭ | |
| ᑭ | | ᑭ | | ᑭ |
| ᑭ | | | ᑭ | |

In this memory game, a player clicks on blank tiles to uncover syllabics and find 10 pairs of matching syllabics.

Word Memory Matching [Memory game]

Choose an activity

Replay instruction

Dialect:
Southern

Level:
East Cree Syllabics Lessons & Exercises

Lesson:
Lesson 9 - ᐅᓄᐅᐅᓄᓄ

Activity:
Memory game

Stats
01:16

Word Memory Matching

Find pairs of matching words by clicking on the tiles

4/10

| | | | |
|--------|--------|--------|--------|
| ᐅᓄᐅᐅᓄᓄ | | ᐱᓄᓄᐅᓄᓄ | |
| | ᐸᓄᓄᐅᓄᓄ | ᓄᓄᓄᐅᓄᓄ | ᓄᓄᓄᐅᓄᓄ |
| | | | ᓄᓄᓄᐅᓄᓄ |
| ᓄᓄᓄᐅᓄᓄ | | ᐸᓄᓄᐅᓄᓄ | |
| | ᐱᓄᓄᐅᓄᓄ | | |

In this memory game, a player clicks on blank tiles to uncover words and find 10 pairs of matching words.

Missing Syllabic [Missing syllabic(s)]

Choose an activity

Replay instruction

Dialect:
Southern

Level:
East Cree Syllabics Lessons & Exercises

Lesson:
Lesson 6 - ᓄᓄᓄᓄᓄᓄ


Activity:
Missing syllabic(s)

Stats
50%
00:46

Missing Syllabic

Complete the word by clicking the corresponding syllabic and space

1/9



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ᐅ | ᓄ | ᐸ | ᓄ | ᓄ | ᓄ | ᓄ | ᓄ | ᓄ | ᓄ |
| ᓄ | | ᓄ | ᓄ | ᓄ | | | | | |

The objective of this type of activity is to complete the word by clicking on the missing syllabic and then on the corresponding empty box (or vice versa).

Missing Syllabics [Missing syllabic(s)]

Dialect: Northern |
 Level: East Cree Syllabics Lessons & Exercises |
 Lesson: Lesson 8 - ᓂᓗᓴᓄᓐ |
 Activity: Missing syllabic(s)

Choose an activity |
 Replay instruction

Stats: 0% | 00:28

Missing syllabics

Complete the word by clicking the corresponding syllabic and space



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ᓂ | ᓴ | ᓄ | ᓐ | ᓐ | ᓐ | ᓐ | ᓐ | ᓐ | ᓐ |
| | ᓴ | ᓄ | | ᓐ | | | | | |

This type of activity is a variant of the preceding one (Missing Syllabic). The student selects a syllabic by clicking it and then clicks the corresponding empty box (or vice versa) to complete the word.

Scrambled Words [Missing syllabic(s)]

Dialect: Northern |
 Level: East Cree Syllabics Lessons & Exercises |
 Lesson: Lesson 5 - ᓂᓗᓴᓄᓐ |
 Activity: Missing syllabic(s)

Choose an activity |
 Replay instruction

Stats: 67% | 00:15

Scrambled Words

Unscramble the word by clicking the corresponding syllabic and space

2/9



| | | | |
|---|---|---|---|
| ᓂ | ᓴ | ᓄ | ᓐ |
| | | | |

In this activity, the objective is to unscramble the word represented by the image above by placing each syllabic in the correct order. The student clicks a syllabic and then clicks the corresponding empty box. This process is repeated until the student completes the word correctly.

Many Missing Syllabics [Missing syllabic(s)]

Choose an activity

Replay instruction

Dialect:
Southern

Level:
East Cree Syllabics Lessons & Exercises

Lesson:
Lesson 3 - ᓂᓄᓂ

Activity:
Missing syllabic(s)

Stats

🎯 34%


🕒 00:34

Many Missing Syllabics

Complete the word by clicking the corresponding syllabic and space

This activity uses words and letters from previous lessons

1/4



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||

⌂

In this type of activity, the student clicks a syllabic and then clicks the corresponding empty box (or vice versa). This process is repeated until the student has correctly completed the word.

This is more challenging than other missing games such as *Missing Syllabics*, because it includes syllabics from previous lessons.

Word Search (small) [Word search]

Small Word Search

Find the words illustrated under the puzzle. Select each word by clicking the first and last syllabics.






Stats

80%

02:01

4/5

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| u | h | l | b | v | d | e | v | v | a | s | c | |
| l | r | e | t | b | n | n | b | m | b | e | s | |
| e | A | c | e | e | b | r | s | s | s | r | a | |
| v | b | < | s | L | e | A | r | e | A | < | c | > |
| e | e | L | r | e | s | e | r | h | v | h | < | n |
| e | s | r | s | r | > | e | r | e | e | e | e | > |
| h | e | s | s | d | j | l | e | e | e | r | j | s |
| d | < | j | s | k | d | r | s | v | h | h | e | e |
| d | < | r | e | r | b | n | r | s | s | a | n | s |
| r | r | a | e | e | s | v | r | e | e | < | d | u |
| h | s | > | b | h | r | b | b | n | e | s | h | h |
| < | a | e | e | v | a | e | h | v | r | h | e | < |
| > | s | e | h | a | j | h | e | e | s | e | e | r |

The objective of this type of activity is to find all the words pictured under the word search. The word can be written from top to bottom, left to right, or diagonally. To select a word, the student clicks the first syllabic of the word and then the final syllabic. If correct, the word will appear highlighted in a particular colour. If incorrect, the word will flash red and the student tries again until all words are found.

Crossword Puzzle [Crossword]

Choose an activity

Dialect:
Northern

Level:
East Cree Syllabics Lessons & Exercises



Lesson:
Lesson 4 - ᐃᓐ

Activity
Crossword

Stats
🎯 0%
🕒 00:37

Crossword Puzzle

Clicking any square in a word will reveal the corresponding image(s). Complete a word by clicking each corresponding syllabic and square.

⏪ ⏩ ⏮ ⏭ ⏯ ⏴ ⏵ ⏶ ⏷ ⏸ ⏹ ⏺


The objective of this type of activity is to complete the puzzle by filling in the correct words. The student clicks on an empty box in the crossword to reveal the corresponding image (or images, in the case of two intersecting words). Double-clicking on any square will play the associated sound file. The student continues by clicking on the syllabics and intended blank squares in order to spell each word until all boxes have been filled.

Spelling [Spelling]

Spelling

Type the word for each image

Stats
 84%
 03:19



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✓

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→

In this type of activity, the student types the word represented by the image. If the word is spelled correctly, the timer is paused; if not, the timer continues. To move on to the next word, the student clicks the arrow.

Antonyms – Actions Verbs [Word pairs]

Choose an activity

Dialect:
Southern

Level:
Cree Vocabulary & Grammar

Lesson:
Level 1 - ᐅᐅᐅ

Activity
Word pairs

Stats
 30%
 06:34

Antonyms- Action Verbs

Instructions
 Find the Antonyms for each word - action verbs

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ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

ᐱᐤᐢᐅᐅ

The objective of this type of activity is to associate pairs of words by clicking on the correct boxes.

Story: Is anyone here? [Fill in the blanks]

Choose an activity

Dialect:
Southern

Level:
Cree Vocabulary & Grammar

Lesson:
Level 1 - Vᓄᓄ

Activity
Fill in the blanks

Stats
50%
00:30

Story: Is anyone here?

Instructions

Choose the right spelling for each word.

1/10

2x ᑕᓐ ᑎᑦ ᑎᑦ ᑎᑦ ᑎᑦ

ᑎᑦ

ᑎᑦ

ᑎᑦ

ᑎᑦ

1x ᑕᓐ ᑎᑦ ᑎᑦ ᑎᑦ

ᑎᑦ

✓

The objective of this type of activity is to listen to a sound file and then complete the sentence by clicking on the correctly spelled word and then on the corresponding empty box (or vice versa).

Story: Mary gets scared [Fill in the blanks]

Choose an activity

Dialect:
Northern

Level:
Cree Vocabulary & Grammar

Lesson:
Level 1 - ᑎᑦ

Activity
Fill in the blanks

Stats
34%
00:32

Story: Mary gets scared

Instructions

ᑎᑦ ᑎᑦ ᑎᑦ

Read carefully. Put the correct words in the blank spaces.

1/10

1x ᑎᑦ ᑎᑦ ᑎᑦ ᑎᑦ ᑎᑦ ᑎᑦ

ᑎᑦ

ᑎᑦ ᑎᑦ ᑎᑦ ᑎᑦ

ᑎᑦ

ᑎᑦ ᑎᑦ ᑎᑦ ᑎᑦ

ᑎᑦ

ᑎᑦ

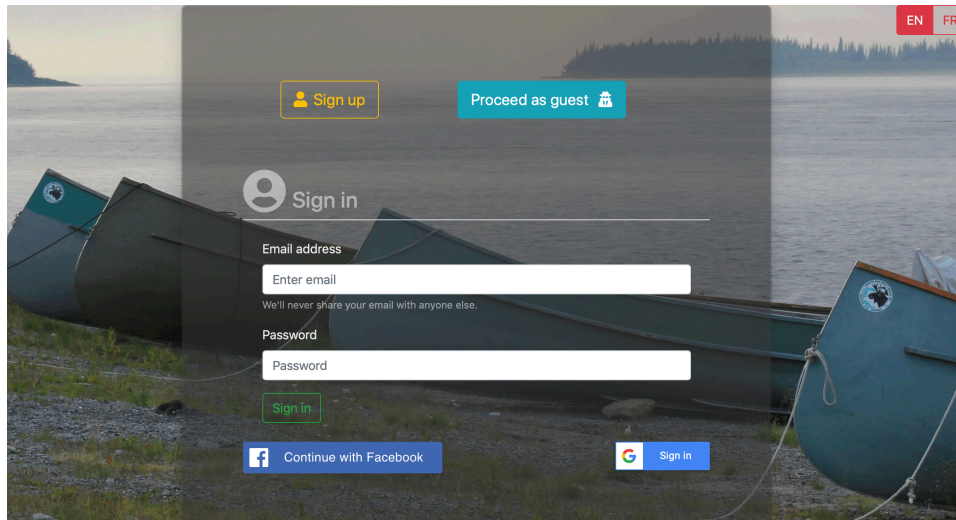
ᑎᑦ

In this type of activity, the student completes the sentences in a text one sentence at a time, by choosing the appropriate words from a set of options. In some cases, the options will only include words necessary to complete the sentence. In others, there will be additional words presented, which do not work in the sentence. To complete the sentence, the student clicks a word and then clicks the corresponding blank box (or vice versa).

VI. Logging in to track scores

Learners are presented with two options when visiting the website : 1) Proceed as a guest; or 2) Sign up/Sign in.

To log in, users have the choice of : 1) creating an account, 2) using their Facebook account; or 3) using their Google account.



To log in with Facebook, click  and follow the prompts.

To log in with Gmail, click  and follow the prompts.

To create an account, click  and then fill out the following form:

Learners who choose to log in each time they use the site will be able to track which activities they have completed, including their personal best scores, and will be able to compare their results to the highest scores achieved for each activity.

A check mark ✓ (together with a percentage and time) indicates that an activity has been completed by the learner. A gold star ★ means that the learner has achieved 100% and a gold cup 🏆 indicates that the learner has achieved the top score among all users.

| |
|--|
| <p>Recognizing Syllabics At Start of Word →</p> <p>Personal Best: 100% (6.595s) ★ 🏆</p> |
| <p>Scrambled Words →</p> <p>Unscramble the word by clicking the corresponding syllabic and space</p> <p>Personal Best: 100% (8.463s) ★ 🏆</p> |
| <p>Small Word Search →</p> <p>Find the words illustrated under the puzzle. Select each word by clicking the first and last syllabics.</p> <p>Personal Best: 100% (190.989s) ★ 🏆</p> |
| <p>Many Missing Syllabics →</p> <p>Complete the word by clicking the corresponding syllabic and space</p> <p>Personal Best: 100% (9.589s) ★ 🏆</p> |
| <p>Recognizing New Syllabics (less sound) →</p> <p>Personal Best: 100% (2.754s) ★ 🏆</p> |
| <p>Dictation →</p> <p>Personal Best: 50% (11.32s) ✓ Best player: Algonquian 100% (7.043s)</p> |
| <p>Spelling →</p> <p>Personal Best: 50% (10.861s) ✓ Best player: Algonquian 100% (9.844s)</p> |
| <p>Drawing syllabics →</p> |

Close

APPENDIX A: Northern and Southern Syllabic Charts – syllabics introduced in lessons

Northern Dialect Syllabic Chart – Eastern James Bay Cree

| | | | | | | | | | | |
|------------|-------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-------------------|-----------------|-----------------|
| ▽ | | △ ⁶ | △̇ ⁶ | ▷ ⁷ | ▷̇ ⁷ | ◁ ⁷ | ◁̇ ¹ | | ◦ ⁹ | ◡ ⁹ |
| <i>e</i> | | <i>i</i> | <i>ii</i> | <i>u</i> | <i>uu</i> | <i>a</i> | <i>aa</i> | | <i>u</i> | <i>h</i> |
| ·▽ | | ·△ ³ | ·△̇ ⁵ | ·▷ | ·▷̇ | ·◁ | ·◁̇ ² | | | |
| <i>we</i> | | <i>wi</i> | <i>wii</i> | <i>wu</i> | <i>wuu</i> | <i>wa</i> | <i>waa</i> | | | |
| ∇ | ·∇ | ∧ ⁴ | ∧̇ ¹ | > ³ | >̇ ² | < | <̇ ¹ | ·<̇ ⁷ | < ⁹ | |
| <i>pe</i> | <i>pwe</i> | <i>pi</i> | <i>pii</i> | <i>pu</i> | <i>puu</i> | <i>pa</i> | <i>paa</i> | <i>pwaa</i> | <i>p</i> | |
| ∪ | ·∪ | ∩ ³ | ∩̇ ⁶ | ∪ | ∪̇ ³ | ∩ | ∩̇ ⁵ | ·∩̇ ⁶ | ∩ ⁹ | |
| <i>te</i> | <i>twe</i> | <i>ti</i> | <i>tii</i> | <i>tu</i> | <i>tuu</i> | <i>ta</i> | <i>taa</i> | <i>twaa</i> | <i>t</i> | |
| q | ·q | p ⁴ | ṗ ⁸ | ᑭ ⁷ | ᑭ̇ ⁴ | ᑭ | ᑭ̇ ⁶ | ·ᑭ̇ ⁷ | ᑭ ⁹ | ᑭ ¹⁰ |
| <i>ke</i> | <i>kwe</i> | <i>ki</i> | <i>kii</i> | <i>ku</i> | <i>kuu</i> | <i>ka</i> | <i>kaa</i> | <i>kwaa</i> | <i>k</i> | <i>kw</i> |
| ᑭ | ·ᑭ | ᑭ̇ ² | ᑭ̇̇ ⁵ | ᑭ̇ ⁹ | ᑭ̇̇ ⁹ | ᑭ | ᑭ̇ ⁸ | ·ᑭ̇ ⁸ | ᑭ ⁹ | |
| <i>che</i> | <i>chwe</i> | <i>chi</i> | <i>chii</i> | <i>chu</i> | <i>chuu</i> | <i>cha</i> | <i>chaa</i> | <i>chwaa</i> | <i>ch</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ³ | ᑭ̇̇ ⁵ | ᑭ̇ ³ | ᑭ̇̇ ² | ᑭ | ᑭ̇ ² | ·ᑭ̇ ⁷ | ᑭ ¹⁰ | |
| <i>me</i> | <i>mwe</i> | <i>mi</i> | <i>mii</i> | <i>mu</i> | <i>muu</i> | <i>ma</i> | <i>maa</i> | <i>mwaa</i> | <i>m</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ⁶ | ᑭ̇̇ ⁵ | ᑭ̇ ⁷ | ᑭ̇̇ ⁵ | ᑭ | ᑭ̇ ⁶ | ·ᑭ̇ ⁸ | ᑭ ⁹ | |
| <i>ne</i> | <i>nwe</i> | <i>ni</i> | <i>nii</i> | <i>nu</i> | <i>nuu</i> | <i>na</i> | <i>naa</i> | <i>nwaa</i> | <i>n</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ⁵ | ᑭ̇̇ ¹ | ᑭ̇ ⁸ | ᑭ̇̇ ⁶ | ᑭ | ᑭ̇ ⁴ | ·ᑭ̇ ⁸ | ᑭ ¹⁰ | |
| <i>le</i> | <i>lwe</i> | <i>li</i> | <i>lii</i> | <i>lu</i> | <i>luu</i> | <i>la</i> | <i>laa</i> | <i>lwaa</i> | <i>l</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ⁵ | ᑭ̇̇ ¹ | ᑭ̇ ⁸ | ᑭ̇̇ ⁶ | ᑭ | ᑭ̇ ⁴ | ·ᑭ̇ ⁸ | ᑭ ¹⁰ | |
| <i>se</i> | <i>swe</i> | <i>si</i> | <i>sii</i> | <i>su</i> | <i>suu</i> | <i>sa</i> | <i>saa</i> | <i>swaa</i> | <i>s</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ⁶ | ᑭ̇̇ ¹ | ᑭ̇ ⁷ | ᑭ̇̇ ⁶ | ᑭ | ᑭ̇ ⁵ | ·ᑭ̇ ⁸ | ᑭ ¹⁰ | |
| <i>she</i> | <i>shwe</i> | <i>shi</i> | <i>shii</i> | <i>shu</i> | <i>shuu</i> | <i>sha</i> | <i>shaa</i> | <i>shwaa</i> | <i>sh</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ⁸ | ᑭ̇̇ ⁹ | ᑭ̇ ⁸ | ᑭ̇̇ ⁵ | ᑭ | ᑭ̇ ⁴ | ·ᑭ̇ ⁸ | ᑭ | |
| <i>ye</i> | <i>ywe</i> | <i>yi</i> | <i>yii</i> | <i>yu</i> | <i>yuu</i> | <i>ya</i> | <i>yaa</i> | <i>ywaa</i> | <i>y</i> | |
| ᑭ | ·ᑭ | ᑭ̇ ² | ᑭ̇̇ ² | ᑭ̇ ² | ᑭ̇̇ ² | ᑭ | ᑭ̇ ² | ·ᑭ̇ ² | ᑭ | |
| <i>re</i> | <i>rwe</i> | <i>ri</i> | <i>rii</i> | <i>ru</i> | <i>ruu</i> | <i>ra</i> | <i>raa</i> | <i>rwaa</i> | <i>r</i> | |
| ∇ | ·∇ | ∧̇ ¹ | ∧̇̇ ¹ | >̇ ¹ | >̇̇ ¹ | <̇ ¹ | <̇̇ ¹ | ·<̇̇ ¹ | <̇ ¹ | <i>v, f,</i> |
| <i>ve</i> | <i>vwe</i> | <i>vi</i> | <i>vii</i> | <i>vu</i> | <i>vuu</i> | <i>va</i> | <i>vaa</i> | <i>vwaa</i> | | |
| ∪ | ·∪ | ∩̇ ¹ | ∩̇̇ ¹ | ∪̇ ¹ | ∪̇̇ ¹ | ∩̇ ¹ | ∩̇̇ ¹ | ·∩̇̇ ¹ | ∩̇ ¹ | |
| <i>the</i> | <i>thwe</i> | <i>thi</i> | <i>thii</i> | <i>thu</i> | <i>thuu</i> | <i>tha</i> | <i>thaa</i> | <i>thwaa</i> | <i>th</i> | |

*The superscript numbers indicate the number of the Lesson for which the syllabic character is introduced.

Southern Dialect Syllabic Chart – Eastern James Bay Cree

| | | | | | | | | | | |
|-----------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|------------------|-------------------|-----------------|-----------------|
| ▽ ⁴ | | △ ⁸ | △̇ ⁶ | ▷ ⁷ | ▷̇ ⁸ | ◁ ⁷ | ◁̇ ¹ | | ◦ ⁹ | ″ ⁹ |
| e | | i | ii | u | uu | a | aa | | u | h |
| ·▽ ⁵ | | ·△ ³ | ·△̇ ⁵ | ·▷ | ·▷̇ | ·◁ ⁶ | ·◁̇ ² | | | |
| we | | wi | wii | wu | wuu | wa | waa | | | |
| ∇ ⁴ | ·∇ ¹² | ∧ ⁴ | ∧̇ ¹ | > ³ | >̇ ² | < | <̇ ¹ | ·<̇ ⁷ | < ⁹ | |
| pe | pwe | pi | pii | pu | puu | pa | paa | pwaa | p | |
| ∪ ⁴ | ·∪ ¹² | ∩ ³ | ∩̇ ⁶ | ∪ ⁸ | ∪̇ ³ | ∩ ¹¹ | ∩̇ ⁵ | ·∩̇ ⁶ | ∩ ⁹ | |
| te | twe | ti | tii | tu | tuu | ta | taa | twaa | t | |
| q | ·q ¹² | ρ | ρ̇ ¹¹ | ⊘ ⁷ | ⊘̇ ⁴ | ᵇ ⁴ | ᵇ̇ ⁸ | ·ᵇ̇ ⁷ | ᵇ ⁹ | ᵈ ¹⁰ |
| ke | kwe | ki | kii | ku | kuu | ka | kaa | kwaa | k | kw |
| ᑭ ⁴ | ·ᑭ | ᑭ ² | ᑭ̇ ⁵ | ᑭ ¹² | ᑭ̇ ⁵ | ᑭ | ᑭ̇ | ·ᑭ̇ ¹² | ᑭ ⁹ | |
| che | chwe | chi | chii | chu | chuu | cha | chaa | chwaa | ch | |
| ᑭ | ·ᑭ ¹² | ᑭ ⁸ | ᑭ̇ ⁵ | ᑭ̇ ³ | ᑭ̇ ² | ᑭ ⁶ | ᑭ̇ ² | ·ᑭ̇ ¹¹ | ᑭ ¹⁰ | |
| me | mwe | mi | mii | mu | muu | ma | maa | mwaa | m | |
| ᑎ ⁸ | ·ᑎ | ᑎ ⁴ | ᑎ̇ ⁵ | ᑎ ⁸ | ᑎ̇ ⁵ | ᑎ | ᑎ̇ ⁶ | ·ᑎ̇ ¹¹ | ᑎ ⁹ | |
| ne | nwe | ni | nii | nu | nuu | na | naa | nwaa | n | |
| ᑏ | ·ᑏ | ᑏ | ᑏ̇ | ᑏ | ᑏ̇ | ᑏ | ᑏ̇ | ·ᑏ̇ | ᑏ | |
| le | lwe | li | lii | lu | luu | la | laa | lwaa | l | |
| ᑐ ⁸ | ·ᑐ ¹² | ᑐ | ᑐ̇ ¹ | ᑐ ¹¹ | ᑐ̇ ⁶ | ᑐ | ᑐ̇ ⁴ | ·ᑐ̇ | ᑐ ¹⁰ | |
| se | swe | si | sii | su | suu | sa | saa | swaa | s | |
| ᑒ ⁸ | ·ᑒ ¹² | ᑒ ⁶ | ᑒ̇ ¹ | ᑒ ¹¹ | ᑒ̇ ⁶ | ᑒ ¹¹ | ᑒ̇ ⁵ | ·ᑒ̇ ¹² | ᑒ ¹⁰ | |
| she | shwe | shi | shii | shu | shuu | sha | shaa | shwaa | sh | |
| ᑔ ⁴ | ·ᑔ | ᑔ ¹² | ᑔ̇ | ᑔ ¹¹ | ᑔ̇ ⁵ | ᑔ ⁸ | ᑔ̇ ⁴ | ·ᑔ̇ | ᑔ | |
| ye | ywe | yi | yii | yu | yuu | ya | yaa | ywaa | y | |
| ᑖ | ·ᑖ | ᑖ | ᑖ̇ | ᑖ | ᑖ̇ | ᑖ | ᑖ̇ | ·ᑖ̇ | ᑖ | |
| re | rwe | ri | rii | ru | ruu | ra | raa | rwaa | r | |
| ∇ | ·∇ | ∧ | ∧̇ | > | >̇ | < | <̇ | ·<̇ | < | v, f, ph |
| ve | vwe | vi | vii | vu | vuu | va | vaa | vwaa | v, f, ph | |
| ∪ | ·∪ | ∩ | ∩̇ | ∪ | ∪̇ | ∩ | ∩̇ | ·∩̇ | ∩ | |
| the | thwe | thi | thii | thu | thuu | tha | thaa | thwaa | th | |

*The superscript numbers indicate the number of the Lesson for which the syllabic character is introduced.