

Les inventions autochtones – Indigenous Inventions - Grades 2 – 6 Immersion, and Grades 4 – 8 Core French

Les inventions autochtones – Indigenous Inventions - Grades 2 – 6 Immersion, and Grades 4 – 8 Core French © 2021 by Taciana de Lira e

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The learning unit below can be taught to share some of the indigenous inventions, have students learn the new vocabulary and passé compose. However, it would not encompass much intercultural learning, only some knowledge of another culture. To promote intercultural understanding, some changes must be made, and I will share how you can transform a regular lesson into one that will promote intercultural understanding, inclusion, and even peace.

Intercultural competence:

- Promotes learning about, experiencing, and analyzing another culture
- creates cognitive and affective links between one’s own experiences and the new learned ones,
- motivates questioning one’s own cultural beliefs

Discourse and Activities to avoid

- Compare **them versus us**, or mention that our life is better than theirs, or treat others like ‘those poor souls’.
- Raise money for charity; however, if needed, **do not use a discourse of pity**. Instead, show that people around the world suffer adversities, even the ones near us, and we need to help them get back on their feet. The goal is to ALWAYS foster equity and mutual respect.

Lesson components:

1. **Intercultural competence:** (check the curriculum or think of one you would like to explore)

IC encompasses four elements:

(1) **knowledge and understanding:** learners respect and value diversity, have an understanding of how the world works, are outraged by social injustice, are willing to act to make the world a more equitable and sustainable place, take responsibility for their actions.

(2) **skills (critical thinking, ‘argumentation,’ ‘cooperation and conflict resolution’):**

Critical thinking: Making considered decisions, managing information and thinking, gathering, recording, organizing and evaluating information and data.

Argumentation: discussing and debating, performing and presenting, using numbers and data, using language.

Cooperation and conflict resolution: learning with others, using language.

(3) **values and attitudes (‘self-esteem,’ ‘empathy’ and ‘respect for diversity’):** learners manage information and thinking, imagine and contribute to making the world a better place (Oxfam, 2006).

(4) **Managing self** (Ryan, G., & Walsh, D., 2017): Learners reflect on and evaluate their learning, set and achieve personal goals, implement ideas and take action, make considered decisions, use digital technology to manage self and own learning.

2. **The task - communication:** The teacher needs to incorporate inter-cultural content (check the curriculum, the sociolinguistic expectation can be included here, as well as sociocultural knowledge)
3. **Language skills** (grammar, reading, writing, speaking and listening are chosen by the teacher): Resources are found on the website: [https://camerisefsl.ca/add-a-resource/#gf\\_1](https://camerisefsl.ca/add-a-resource/#gf_1)

**Attention:**

**The inter-cultural component** should always be the first to share with the learners. Here is how you can include culture in the teaching:

Use many images. Images are more accessible than text.

-Brainstorm learners' prior knowledge about the subject, through reading and listening strategies:

What do we see here? (e.g., words, title, sub-titles, number of images, number of paragraphs).

Other questions to ask:

Qui, où, quand, comment, qu'est-ce que.....

Reconnaître des mots connus ou transparents.

Faire des hypothèses sur les mots inconnus

Exploiter la structure du texte

Exploiter le type ou genre du texte

Repérer les mots-clés

Inférer (Il faut motiver l'apprenant à comprendre le texte surtout pour le sens, mais aussi pour la langue, le lexique - grammaire).

### Building an intercultural lesson for 'Les inventions autochtones'

(Feel free to change the activities, but make sure to use resources approved by FNMI members, and incorporate the three lesson components in your plan)

Goals: Incorporate Intercultural competence skills in this lesson, focusing on Indigenous and environmental education.

**The inter-cultural component** – Look at the photos, ask students what they recognize. What words they recognize, what connections can they make by looking at the photos? (some pictures are related to the winter, having fun, health, nutrition, ways of transportation on the water, etc.)

Why do you think all these photos are related to the title? Quel est le lien entre les photos et le titre?

Les mots inventions, national, sport, toboggan, etc., sont connus...

Pouvez-vous me dire comment ces photos sont liées?

There is one common subject among all these inventions (la nature, l'environnement, which encompasses humans being part of nature, learning from nature, and using nature's gifts for the community wellbeing and to thank the gods). Even Lacrosse is linked to nature, community and the gods

[https://en.wikipedia.org/wiki/History\\_of\\_lacrosse](https://en.wikipedia.org/wiki/History_of_lacrosse)

Time to look at new vocabulary and linguistic expectations (e.g., feminine and masculine, passé compose, the seasons, etc.)

**The task – communication** : teachers will research an indigenous invention to share with the learners following steps #2, 3, and 5 of the link below. Teacher will also highlight linguistic expectation and explain the concept to students.

<https://learningbird.com/wp-content/uploads/2018/08/researching-indigenous-contributions.pdf>

Culminating task: Students will also research an indigenous invention, following steps#2, 3, 4, 5, 6, 7, and 8 (this is a very important step; students can also think of ways to promote those inventions to help others find out how much the members of indigenous nations contributed to the development of science, and acknowledge their contribution). According to the grade, teachers can choose a less elaborated task.

**Linguistic expectation** - (feminine and masculine words, passé compose, mots de liaison, the seasons, etc.). Resources are found on the website: [https://camerisefsl.ca/add-a-resource/#gf\\_1](https://camerisefsl.ca/add-a-resource/#gf_1)

# Les inventions autochtones

Juin est le mois national de l'histoire autochtone

Les peuples autochtones ont inventé plusieurs choses que tout le monde utilise beaucoup.

Lacrosse est un jeu d'équipe. C'est un des deux sports nationaux du Canada. On pense que c'est le sport qui a inspiré la création du jeu de hockey



La gomme à mâcher vient de la sève du sapin de Noël.



## Peux-tu imaginer vivre sans le toboggan?

Le toboggan est fait de bois et de peaux d'animaux. La courbe en avant aide à faire glisser le toboggan dans la neige.



Les raquettes sont utiles quand la neige est profonde et on doit se déplacer.



## Le kayak et le canot n'ont pas vraiment changé depuis qu'ils ont été inventés

Le kayak est utilisé pour faire de la pêche ou de la chasse dans les eaux gelées de l'Océan Arctique.



Le canot était fait de branches et couvert de l'écorce du bouleau.



## Les inventions dans la santé

Les thés et les sirops contre la toux sont faits d'un mélange de baies, sirop d'érable, et feuilles d'arbres.



**L'aspirine**, est un médicament qui soulage la douleur. L'ingrédient vient du saule blanc (pussy willow)





## La nourriture

Le maïs était utilisé de plusieurs façons, par exemple pour faire le maïs soufflé et le pemmican.



Le riz sauvage est en fait une céréale.

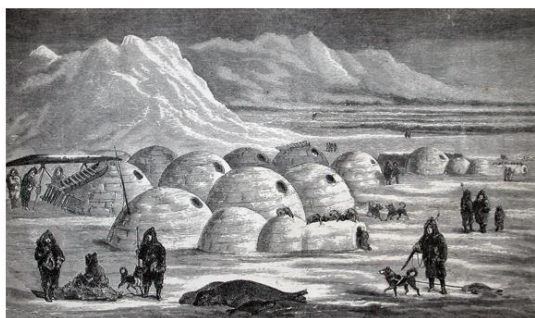


## D'autres inventions fantastique

Lunettes de soleil esquimaudes. Ils se sculptaient des lunettes dans un os et devant chaque œil, ils perçaient des fentes.



Les igloos sont une nouvelle conception de coupole et considérés comme un nouveau mode d'isolation.



## Une autre invention

Des cheminées qui n' en fument pas. Les wigwams amérindiens avaient des coupe-vent qui utilisaient le vent pour augmenter le tirage de leur trou d'aération.

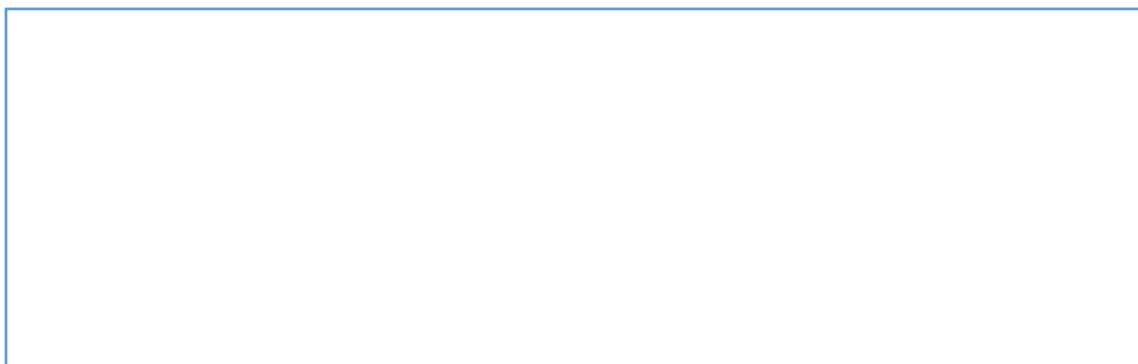


## Learning Activities

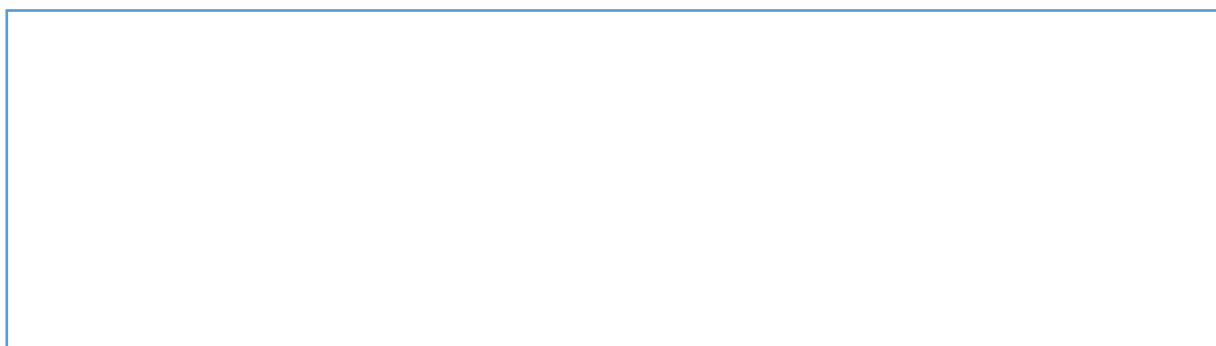
Nom: \_\_\_\_\_

### Dessinez les inventions autochtones

#### Les inventions dans la santé

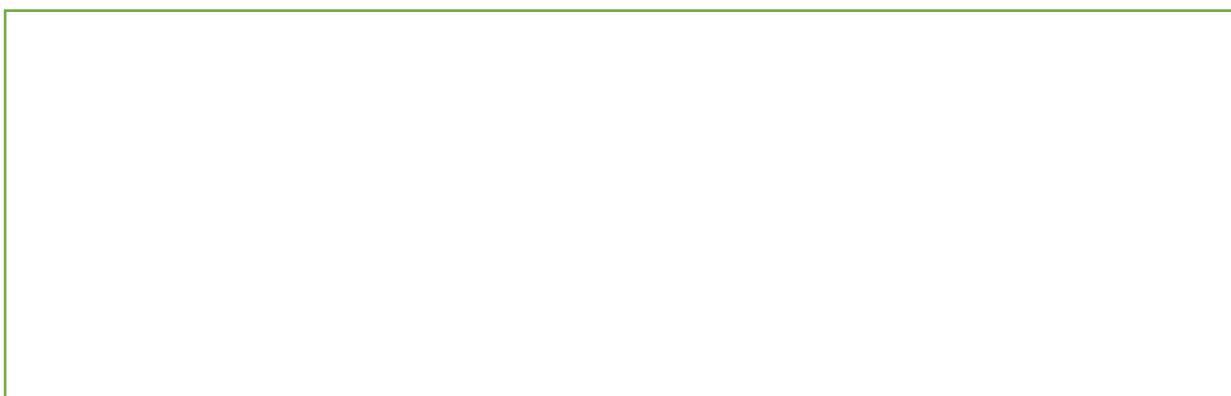


#### Les inventions dans les sports

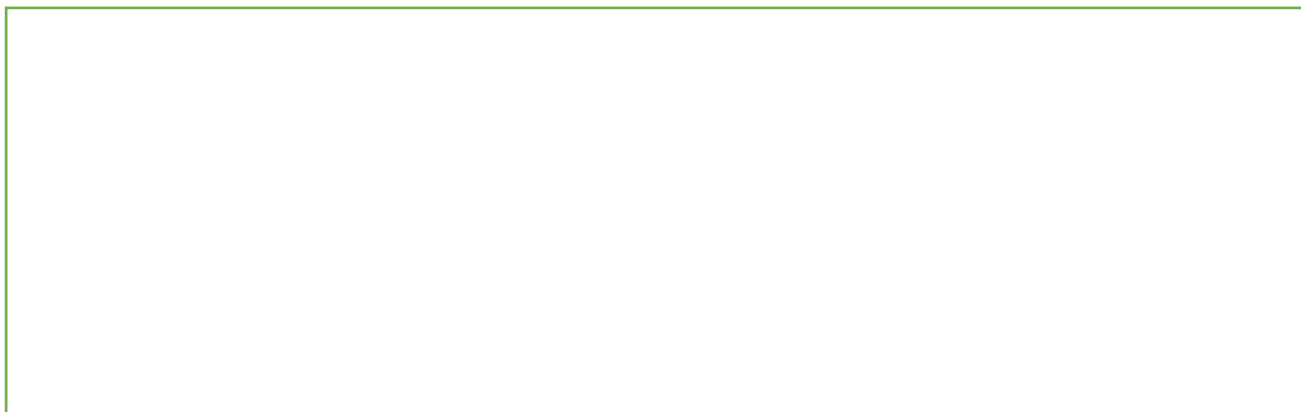




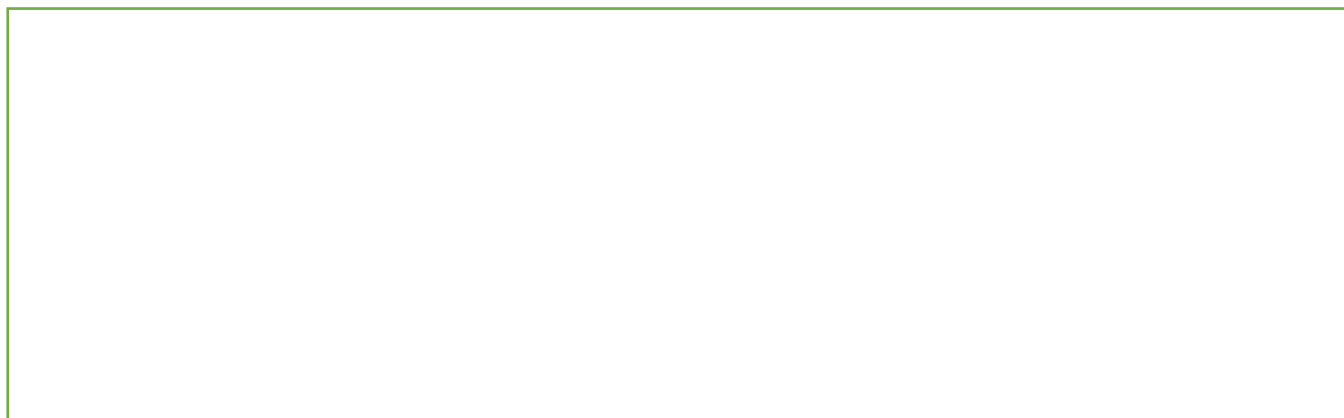
## Les inventions dans le transport

A large, empty rectangular box with a thin green border, intended for taking notes on transport inventions.

## Les inventions dans la nourriture

A large, empty rectangular box with a thin green border, intended for taking notes on food inventions.

## D'autres inventions



Nom: \_\_\_\_\_

1. Quel est ton invention préférée? Pourquoi?

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2. Quelles sont les inventions que tu utilises?

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Quand utilises-tu ces inventions?

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Où utilises-tu ces inventions?

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Nom: \_\_\_\_\_

Comment je vais partager avec d'autres personnes mes découvertes sur  
les inventions des peuples autochtones

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## Comment faire des inventions autochtones

Nom: \_\_\_\_\_

<http://www.nametauinnu.ca/fr/culture/outil/detail/39/49> Comment faire des raquettes

<https://www.youtube.com/watch?v=x87mA8W3lbM> comment faire les raquettes de survie

<https://www.youtube.com/watch?v=VRFCxxAKafc> César et son canot d'écorce

<https://www.youtube.com/watch?v=mIYqbYXh2v8> Comment faire du sirop d'érable

<https://www.youtube.com/watch?v=AS22pqHUKzw#t=323.075198> Comment faire du sirop d'érable

Je fais \_\_\_\_\_

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