

Vaccines and Immunology

The World Health Organization estimates that vaccines save 2-3 million lives worldwide every year!

Websites and Lesson Plan Information

1. Kids Boost Immunity (KBI) website:

[Kids Boost Immunity \(KBI\)](#) is a free online learning resource for Canadian students that pairs local learning with a global reward: vaccines for children in need through UNICEF. KBI provides free resources and curriculum materials to teachers. Interactive features on the site enable classes to earn vaccines that will be donated to a child in need through UNICEF Canada. Developed by teachers for teachers, Kids Boost Immunity provides curated lessons with interactive quizzes that mirror science, health, and social studies curriculum across Canada. There is a sign up button next to the Login on every page. Connect your curriculum to global citizenship and inspire digital-age students.

For more information see:

[Teacher Centre](#)

[How it works](#)

[Example Lessons](#)

2. Give Vaccines A Shot! from Science North (Ontario) Bilingual Resources

Available in French [Les vaccins : piquez votre curiosité! | Science Nord \(sciencenorth.ca\)](#) and English [Give Vaccines a Shot! | Science North](#). Access videos, school programs, podcast episodes, and other online activities with accurate science content for the best tools to understand vaccinations and health. Includes information on COVID and “[the virus of misinformation](#).” With funding from the Public Health Agency of Canada, [Science North](#) offers free classroom materials for Grades 1 to 12. These materials help students learn about the immune system, staying healthy and the critical role vaccines play in sound public health strategies. They are a part of the *Give Vaccines a Shot!* Initiative;

[Educator Resources](#): filter for Give Vaccines A Shot!



3. [ImmunizeBC](#) website

- [What are Vaccines?](#)
- [How do Vaccines Work?](#)
- [Vaccines are Safe](#)
- [Why Vaccinate?](#)

YouTube Videos:

[Disease Scene Investigation: How Immunization Works](#)

[Disease Scene Investigation: Hepatitis B](#)

[Disease Scene Investigation - A Pain in the Neck](#)

4. [Immunize Canada](#) website

- [learn about immunization](#)
- [questions and answers](#)
- [diseases & vaccines](#)
- [vaccine safety](#)
- [Kids and Teens](#)
- [Hilleman Essay Contest](#)
- [Recommended Immunizations for Adolescents](#)
- [Immunization Record For Adolescents](#)
- [Pain Management During Immunizations for Kids and Adolescents](#)

5. **Government of British Columbia**

- [Health Gateway Handout for students](#)