

CANADIAN FORCES MUSEUM OF AEROSPACE DEFENCE

AT 22 WING/CFB NORTH BAY



EDUCATION PROGRAMS



Welcome to our Education Programs

The Canadian Forces Museum of Aerospace Defence at 22 Wing/CFB North Bay has proven itself as an intriguing and educational institution for all ages. While guided tours of the museum are always available, these programs target specific curriculum links for a wide array of grade levels.

Each of these programs includes an interactive tour, an activity, and free time to explore the museum further. These three aspects combined will create a memorable experience for students and teachers and are available year-round.

Our museum is a unique opportunity to explore air defence history on a global, national and local scale. Students will learn about concepts from their textbooks and be able to relate to them as they connect with the stories we share.

We look forward to working with your class and helping them discover the history of Canada and Canadians defending the skies for a hundred years.

Grade 3 - Building Canada's Air Force

In just a hundred years, aircraft have evolved from rickety biplanes made of sticks and cloth to highly advanced machines with sophisticated weapons, communication and life support systems.

Students will explore the evolution of aircraft from the First World War to present day in a historical context, examining airships, airplanes and flying bombs. The famous Underground Complex, a feat of modern engineering 600 feet underground, will also be explored.

The interactive tour will focus on these topics and the activity will allow students to design and build their own aircraft, using what they learned on the tour to guide them in their creation.

Curriculum links: Science and Technology

Grade 5 and 6 - Connected Canada

Canadians have been involved in many conflicts that have resulted in links between many other countries. These links have fostered relationships during and after these conflicts and have shaped the Canada's place in the world today.

This program focuses on Canada's air defence role and the resulting relationships between Canada and the United States, Britain, Germany and Russia (USSR) throughout the last century.

Students will learn how to write backwards notes to each other, as those working on aircraft plotting boards would do. They will then get the chance to explore the museum more deeply in a game of 'Museum BINGO'.

Curriculum Links: Social Studies

Grade 6 - Lift Off!

The invention of powered flight was revolutionary and forever changed the ways wars were fought. It was not long after the first flights that these machines were designed to carry bombs or guns, which forced the invention of air defence.

Students will learn about airborne weapons throughout the decades and the methods used to defend against them based on their differences. A series of experiments will challenge students to answer questions about flight with common household objects and relate it to what they have learned in the museum.

Curriculum Links: Social Studies, Science and Technology

Grade 8 - Wartime Writings

This program highlights the lives of the people who served in the skies and on the ground in defence of Canada or our allies. Special attention is given to Squadron Leader William Olmsted, a Canadian Spitfire pilot who served during the Second World War. His letters and diaries are excellent insights into life as a Canadian fighter pilot.

Students will learn about the experiences of Canadians in air defence throughout the last century with an interactive tour and a letter writing activity. Two letters will be written: one as they imagine being an airman during the war and write a letter home, and another to a Canadian Forces member in a current day operation which will then be mailed out.

Curriculum links: History, Language Arts

Grade 9 - Creative Canada

Students will learn about historical events and see pieces of artwork from the First and Second World Wars and the Cold War. These pieces will include images of events, propaganda posters and Squadron and Station crests and students will examine how each of them reflects their current events.

This program's activity has students creating their own Station crest, using what they have learned about types of things were included in original designs. This will encourage them to think about the local history of a particular place and the role of those responsible for air defence and how to best represent each of these.

Curriculum links: Visual Arts

Grade 10 - From Hot War to Cold War

Canadians in the sky and on the ground have been defending against threatening aircraft or airborne weapons since the First World War and they continue to do so today.

This program introduces students to the story of Canada's role in air and aerospace defence from its first steps in the First World War to modern operations. 22 Wing/CFB North Bay's participation in aerospace defence provides a unique opportunity to explore world history and see local relevance.

Students will tour the museum and learn about rationing and survival priorities as they pair up and create their own figurative Cold War air raid shelter and ration packs.

Curriculum links: History

Group Activity Programs

CFMAD's Group Activity Programs are an alternative to the more structured Education Programs. A guided tour and activity are still included in the booking, but the visit is more accessible to a wide age range.

Activity A: Helmet Head

Learning about the many changes in equipment and gear throughout the last century, participants will fashion their own paper version of an air force helmet, either the classic World War II leather style, or the more modern jet fighter helmet.

This activity uses artistic skills to create a historical souvenir and allows participants to show their creativity with colours, shapes and designs while learning about some of the equipment used by the RCAF over the years.

Activity B: Looking the Part

Teaching youth about the different branches of the military and their many changes over the years is made easier (and more fun!) by trying on some real military uniforms and gear. Understanding what the military is, who they are in our community and their role around the world touches on social studies aspects for many elementary school grades.

Using uniforms from the museum's collection, participants will dress up and pose for photos in front of a backdrop of flags. We will mail you a CD of the digital photo files, edited with a frame, and you are free to do with them as your group would like.

Details

Full documents on these education plans are available on our website, www.aerospacedefence.ca.

Canadian Forces Museum of Aerospace Defence
22 Wing/CFB North Bay
Hornell Heights, Ontario
POH 1P0
705-494-2011 extension 2261
aerospace.defence@live.ca

\$5.00 per child/activity participant

1 adult per every 10 children required, with free admission

\$3.50 per additional adult

Minimum fee equivalent to 10 activity participants = \$50.00

Bus driver free

Maximum size of groups is approximately 35 students.

Duration of programs can be customized to your group's needs, but we recommend at least an hour and a half.

Payment for programs is accepted by debit/credit, cash, or cheque (made out to 'Canadian Forces Museum of Aerospace Defence'). Payment is due within 30 days of visit.

Cancellations made up to one week in advance are not subject to any fee. Closer than one week, there is a cancellation fee of 25%, unless due to inclement weather. In this case, the tour can be rescheduled anytime throughout the school year without a cancellation fee.

Our Mission

The Canadian Forces Museum of Aerospace Defence strives to inspire within diverse audiences a deeper understanding and connection to Canada's historical and current contributions to air defence by creating lasting connections to its history and artifacts.

We will act as a link between the public and the Royal Canadian Air Force through the growth and preservation of the collection, exhibits, education programs, events, publications and personal encounters with staff and volunteers. In achieving this, visitors will be appreciative, understanding and proud of Canada's contributions, past and present.