CANADIAN BUSHPLANE
HERITAGE CENTRE

CBHC Education Program 2026-2027

CBHC Education Program Contact Information	2
Program Policies	2
Field Trips	
Bushplane Self-Guided Field trip	5
Bushplane Guided Field trip	6
Bushplane & Entomica Guided Field Trip	7
Curriculum-based Programs	
Grade 3 Wings ‘n’ Things – Half Day	8
Grade 6 Theory of Flight – Full Day	10
Grade 6 Theory of Flight – Half Day	12
Grade 7 Forces in Flight – Half Day	13
Grade 8 Hydraulics & Pneumatics – Half Day	15

CBHC Education Program Contact Information

If you have any questions about the CBHC Education Program, please contact the Education Coordinator at education@bushplane.com or at 705-945-6242 Ext. 211.

CBHC Education Program Policies

1. **Overview**
   These policies apply to all Education Programs booked by teachers at the Canadian Bushplane Heritage Centre. These include non-curriculum-based Field Trips and curriculum-based School Programs.
2. **Booking**
   a. All school tours must be booked at least 7 days in advance through our reservation system.
   b. Submission of a booking form does not finalize or guarantee the program.
   c. A booking is considered 'definite' once CBHC has received a signed contract.
3. **Student and Chaperone Numbers**
   a. Curriculum-based programs have a maximum of 30 students per class.
   b. All programs require at least one adult chaperone for every 10 children.
   c. Programs include free admission for up to:
      i. Kindergarten to Grade 3: one adult for every 6 students
      ii. Grade 4 to Grade 8: one adult for every 8 students
      iii. Grade 9-12: one adult for every 10 students
   d. Any additional chaperones outside of the ratio will be charged a $10 admission fee.
      i. These charges do not apply to support persons for students with disabilities.
   e. Student and chaperone numbers must be confirmed at least 48 hours in advance of arrival.
      i. If they do not, the guest will be charged for the greater of the number of students/chaperones who attend or the numbers in the contract.
4. **Minimum Charge**
   a. A minimum charge of $125 +HST applies to all Education Program bookings.
5. **Cancellation**
   a. A signed contract confirms a booking.
   b. There is no penalty for cancellations up to 14 days prior to the program date.
   c. Cancellations received 13 or fewer days prior to the program date will be charged 50% of the fees in the contract.
   d. Cancellations received within 48 hours prior to scheduled arrival will be charged the full cost of the fees in the contract.
   e. Cancellations due to inclement weather (e.g. buses are cancelled) will not be charged.

f. If the CBHC has to cancel a program, we will do our best to book an alternate date.
g. If a guest makes a booking 13 or fewer days prior to the program date, they will be informed that by signing the contract, they are confirming their booking and that they are subject to the 50% minimum cancellation fee.

6. **Date Changes:**
    a. Date changes are permitted without penalty provided there is availability and the change occurs 7 or more days before the original program date.
    b. If a date change is requested 6 or fewer days prior to the original date, approval of the date change is based on availability AND at the discretion of the Curator.
7. **Payment**
    a. Invoices will be issued 48 hours prior to the program date and must be paid within 30 days.
    b. Payment may be made by cheque, credit card*, debit, cash, or e-transfer.
        i. Cheques should be made to the order of the Canadian Bushplane Heritage Centre.
        ii. E-transfers can be sent to finance@bushplane.com. Please indicate the school and program date in the comments.
        iii. *Credit card payments for amounts over $500.00 are subject to a
            1. 2% service charge for VISA and MASTERCARD
            2. 2.5% service charge for AMEX and DISCOVER
8. **Supervision**
    a. Teachers and adult chaperones are responsible for the students participating in education programs.
    b. We request that all teachers and chaperones play an active role in ensuring all students are respectful of museum facilities, artifacts, staff and volunteers while on site.
    c. If museum staff deem student behaviour as inappropriate, destructive to museum property, or dangerous, the program will be terminated.
9. **Food and Beverage**
    a. Nutrition break/lunch is scheduled into the Full Day Grade 6 Theory of Flight program. No other programs include dedicated nutrition breaks.
    b. Space for a nutrition break is included with all programs except Self-Guided Field trips.
    c. Students and teachers are responsible for tidying after nutrition breaks. No food is provided.
    d. The Canadian Bushplane Heritage Centre cannot guarantee that its facilities are peanut/nut or allergen free.
    e. With the exception of water, no outside food or drink is allowed outside the designated nutrition break area.

10. **Museum Etiquette**
    a. Be respectful and courteous to all museum staff and volunteers, listening to and following to all instructions given
    b. No running, shouting or disruptive behaviour permitted in the museum; we may be open to the public during your visit and need to be respectful of other visitors and the facility
    c. Do not touch or climb on any of the artifacts unless permission is given by museum staff and/or volunteers, signage will be posted where interaction with exhibits is permitted. Visitors are permitted to enter 4 aircraft in the museum: the Norseman, Otter, CL-215, and Saunders.
    d. All access to Entomica must be supervised by at least one teacher or chaperone. Entomica is a small space and has a maximum capacity of 15 students. We ask that teachers and chaperones monitor the number of students in the space.
    e. If a group is split up between Entomica and the Bushplane Museum, at least one chaperone must supervise each group.
11. **Access to Education Subsidies**
    a. Access to Education is funding the CBHC secured from corporate sponsors to support free busing.
    b. Only CURRICULUM-based programs are eligible.
    c. The Access to Education fund can support part or full busing expenses depending on need to a maximum of $600 per request.
    d. Subsidies are available upon request while funding lasts.

Program Availability

The Canadian Bushplane Heritage Centre makes these programs available Tuesday to Friday from September to April. Programs will be available Monday to Friday in May and June. Special accommodations made be made for Saturday or Sunday visits determined by the Canadian Bushplane Heritage Centre's Education department.

CANADIAN BUSHPLANE
HERITAGE CENTRE

Field Trips

Bushplane Self-Guided Field Trip

Fee:	Grade level:	Duration:
$8 per student ($7.08+HST)	Any	2 hours

Classes will be able to step back in time at the Canadian Bushplane Heritage Centre and explore the historic hangar of the Ontario Provincial Air Service and discover the thrill of aviation through interactive exhibits. You will have the opportunity to climb into the cockpit of the vintage Saunders ST27 passenger plane, learn how planes work at the Children's Flight Centre, feel the rush of flight in our flight adventure simulator, and so much more!

ENTOMICA INSECTARIUM

Entomica Insectarium will immerse students with a variety of exotic insects, amphibians, reptiles and birds from all over the world! **Available Wednesday – Sunday**.

This self-guided access to Entomica does not include a Bug Out experience.

- A maximum of 15 children can be in Entomica at once.
- Children entering Entomica must be accompanied by an adult.
- Those not in Entomica are able to enjoy free time in the museum but must be supervised by at least one adult.

Booking Request Form

This program does not include space for a nutrition break.

Please note a minimum fee of $125 +HST applies.

All programs require at least one adult for every 10 children.
Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

Any additional chaperones outside of the ratio will be charged a $10 admissions fee.

These charges do not apply to support persons for students with disabilities.

CANADIAN BUSHPLANE
HERITAGE CENTRE

Bushplane Guided Field Trip

Fee:	Grade level:	Duration:
$12 per student ($10.62+HST)	Any	2 hours

In the first hour of your tour a knowledgeable guide will take you back in time through the historic hangar of the Ontario Provincial Air Service and provide an animated, grade appropriate tour of bushplane history and development.

ENTOMICA INSECTARIUM

In the second hour, Entomica Insectarium will immerse students with a variety of exotic insects, amphibians, reptiles and birds from all over the world! **Available Wednesday – Sunday.**

This self-guided access to Entomica does not include a Bug Out experience.

Due to space limitations in Entomica, groups may have to split up.

- A maximum of 15 children can be in Entomica at once.
- Children entering Entomica must be accompanied by an adult.
- Those not in Entomica are able to enjoy free time in the museum but must be supervised by at least one adult.

Booking Request Form

This program includes space for a nutrition break.

Please note a minimum fee of $125 +HST applies.

All programs require at least one adult for every 10 children.
Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

Any additional chaperones outside of the ratio will be charged a $10 admissions fee.

These charges do not apply to support persons for students with disabilities.

CANADIAN BUSHPLANE
HERITAGE CENTRE

Bushplane & Entomica Joint Guided Field Trip

Fee:	Grade level:	Duration:
$14 per student ($12.39+HST)	Any	2 hours

Available Wednesday – Sunday.

To begin your tour, a knowledgeable guide will take you back in time through the historic hangar of the Ontario Provincial Air Service and provide an animated, grade appropriate tour of bushplane history and development.

Following the tour, your class will have a Bug Out! experience with Entomica Insectarium. Students will be introduced to amazing insects by knowledgeable Bug Wranglers and enjoy hands-on interactions and up-close viewing of specimens including chameleons, stick bugs, beetles and more!

Due to space limitations in Entomica, groups may have to split up.

- A maximum of 15 children can be in Entomica at once.
- Children entering Entomica must be accompanied by an adult.
- Those not in Entomica are able to enjoy free time in the museum but must be supervised by at least one adult.

Booking Request Form

This program includes space for a nutrition break.

Please note a minimum fee of $125 +HST applies.

All programs require at least one adult for every 10 children.
Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

Any additional chaperones outside of the ratio will be charged a $10 admissions fee.

These charges do not apply to support persons for students with disabilities.

CANADIAN BUSHPLANE
HERITAGE CENTRE

Curriculum-based Programs

Grade 3 Wings 'N' Things – Half Day

Fee:	Grade level:	Duration:
$14 per student ($12.39+HST)	3	2 hours

Students will learn about and explore real examples of the strong and stable structures that give planes the strength and shape they need to fly. Students will see real wing structures in the museum and cooperate to build a wing rib themselves. A guided museum tour delves into bushplane engineering, firefighting adaptations, and aircraft design evolution. Students will explore the different materials that have been used to build planes since the Silver Dart in 1909.

This program includes space for a nutrition break.

ENTOMICA INSECTARIUM

Available Wednesday – Sunday Entomica Add-on $100 flat fee: Bug Out! experience with Entomica Insectarium.
Duration: 30 minutes

Due to space limitations in Entomica, groups may have to split up.

- A maximum of 15 children can be in Entomica at once.
- Children entering Entomica must be accompanied by an adult.
- Those not in Entomica are able to enjoy free time in the museum but must be supervised by at least one adult.

Booking Request Form

Please note a minimum fee of $125 +HST applies.

Ask about Access to Education Funding!

All programs require at least one adult for every 10 children.
Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

Any additional chaperones outside of the ratio will be charged a $10 admissions fee.

These charges do not apply to support persons for students with disabilities.

Grade 3 Wings 'N' Things Curriculum Links

Science and Technology

D. Structures and Mechanisms

Strong and Stable Structures

D2. Exploring and Understanding Concepts

Demonstrate an understanding of the concepts of strength and stability as they relate to structures with various forms and functions, and of the factors that affect structures' strength and stability

D2.1 describe a structure as a supporting framework that holds a load and has a definite size, shape, and function, and identify structures in the natural environment and in the built environment

D2.2 demonstrate an understanding of the relationship between form and function for various structures

D2.3 identify the strength of a structure as its ability to support a load and describe ways to increase the strength of structures, including ways to increase the strength of different materials used to build them

D2.4 describe the stability of a structure as its ability to keep its shape, maintain balance, float, and/or stay fixed in one spot when a force is applied to the structure, and describe ways to improve a structure's stability

D2.5 identify properties of materials that need to be considered when building structures

D2.6 describe ways in which different forces can affect the shape, balance, or position of structures

CANADIAN BUSHPLANE
HERITAGE CENTRE

Grade 6 Theory of Flight – Full Day

Fee:	Grade level:	Duration:
$15 per student ($13.27+HST)	6	4 hours

This program begins with a guided tour of the museum's bushplane exhibits, animating the history of bushplanes in the North while exploring the development of aircraft design from the early 20th century to the present day.

Interactive experiments cover curriculum expectations including the Properties of Air, Bernoulli's Principle, Newton's Laws of Motion and more! With a world-class museum featuring 24 full size aircraft as their classroom, students will learn experientially about the axes of flight, control surfaces and the history of waterbombing which began right here in Sault Ste. Marie. Following rhyming clues in a museum-wide scavenger hunt will get students moving and thinking. After boarding the museum's CL-215 water bomber, your class will enjoy a private viewing of the Wildfires! movie where they will see a waterbomber in action and experience the drama of aerial firefighting!

Nutrition break is included in the 4-hour timeframe.

ENTOMICA INSECTARIUM

Available Wednesday – Sunday Entomica Add-on $100 flat fee: Entomica Insectarium will teach students about the different types of insect wings, the mechanics of insect flight, and why some insects can fly and others can't. Enjoy an interactive learning experience for your students as they will have the opportunity to be hands on and up close with the specimens.

Duration: 30 minutes

Booking Request Form

Please note a minimum fee of $125 +HST applies.

All programs require at least one adult for every 10 children. Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

Ask about Access to Education Funding!

Any additional chaperones outside of the ratio will be charged a $10 admissions fee.

These charges do not apply to support persons for students with disabilities.

Grade 6 Theory of Flight Curriculum Links

Science and Technology

D. Structures and Mechanisms

Flight

D1. Relating Science and Technology to Our Changing World

Assess the environmental impacts of flying machines

D1.1 assess the impacts on society of aviation technologies, while considering both local and global perspectives

D2. Exploring and Understanding Concepts

Demonstrate an understanding of the ways in which properties of air can be applied to the principles of flight and flying machines

D2.1 identify flight-related applications of the properties of air

D2.2 describe the relationships between the four forces of flight – lift, weight, thrust, and drag – that make flight possible

D2.3 describe ways in which flying machines and various organisms use balanced and unbalanced forces to control their flight

D2.4 describe ways in which the four forces of flight can be altered

D2.5 describe characteristics and adaptations that enable organisms to fly

Grade 6 Theory of Flight – Half Day

Fee:	Grade level:	Duration:
$14 per student ($12.39+HST)	6	2 hours

This program begins with a guided tour of the museum's bushplane exhibits, animating the history of bushplanes in the North while exploring the development of aircraft design from the early 20th century to the present day.

Your program includes interactive experiments and activities relating to your choice or 2 of the following topics:

- Properties of Air
- Newton's Laws of Motion/Gravity
- The Four Forces of Flight/Altering Flight
- Control Surfaces/The Axes of Flight

Booking Request Form

This program includes space for a nutrition break.

ENTOMICA INSECTARIUM

Available Wednesday – Sunday Entomica Add-on $100 flat fee: Entomica Insectarium will teach students about the different types of insect wings, the mechanics of insect flight, and why some insects can fly and others can't. Enjoy an interactive learning experience for your students as they will have the opportunity to be hands on and up close with the specimens.

Duration: 30 minutes

Please note a minimum fee of $125 +HST applies.

Ask about Access to Education Funding!

All programs require at least one adult for every 10 children. Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

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CANADIAN BUSHPLANE
HERITAGE CENTRE

Grade 7 Forces in Flight – Half Day

Fee:	Grade level:	Duration:
$14 per student ($12.39+HST)	7	2 hours

This program begins with a guided tour of the museum with a focus on the form, function and design of the aircraft in the collection. Students will learn about structures and forces through activities and experiments. They will explore structures, materials, symmetry and centre of gravity in the real-world construction of planes in the CBHC collection and build a wing rib themselves using KNEX.

This program includes space for a nutrition break.

ENTOMICA INSECTARIUM

Available Wednesday – Sunday Entomica Add-on $100 flat fee: Bug Out! experience with Entomica Insectarium.
Duration: 30 minutes

Due to space limitations in Entomica, groups may have to split up.

- A maximum of 15 children can be in Entomica at once.
- Children entering Entomica must be accompanied by an adult.
- Those not in Entomica are able to enjoy free time in the museum but must be supervised by at least one adult.

Booking Request Form

Please note a minimum fee of $125 +HST applies.

Ask about Access to Education Funding!

All programs require at least one adult for every 10 children.
Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

Any additional chaperones outside of the ratio will be charged a $10 admissions fee.

These charges do not apply to support persons for students with disabilities.

Grade 7 Forces in Flight Curriculum Links

Science and Technology

D. Structures and Mechanisms

Form, Function, and Design of Structures

D2. Exploring and Understanding Concepts

Demonstrate an understanding of the relationship between structural forms and the forces acting on them

D2.1 classify structures as solid structures, frame structures, or shell structures

D2.2 describe ways in which the centre of gravity of a structure affects the structure's stability

D2.3 identify the magnitude, direction, point of application, and plane of application of the forces applied to a structure

D2.4 describe the role of symmetry in structures, and identify instances of symmetry in various structures

D2.5 describe factors that can cause a structure to fail

D2.6 identify the factors that determine the suitability of materials for use in manufacturing a product or constructing a structure

D2.7 describe methods engineers, and other professionals use to assess, improve, and maintain the safety of structures

CANADIAN BUSHPLANE HERITAGE CENTRE

Grade 8 Hydraulics and Pneumatics – Half Day

Fee:	Grade level:	Duration:
$14 per student ($12.39+HST)	8	2 hours

This program begins with a guided tour of the museum with a focus on how hydraulics and pneumatics are used in aircraft design. Students will participate in experiments that demonstrate how forces are transferred through water and air according to Pascal's Law. Students will build their own pneumatic systems and explore real world examples of hydraulics and pneumatics in the CBHC's bushplane collection.

This program includes space for a nutrition break.

ENTOMICA INSECTARIUM

Available Wednesday – Sunday Entomica Add-on $100 flat fee: Bug Out! experience with Entomica Insectarium.
Duration: 30 minutes

Due to space limitations in Entomica, groups may have to split up.

- A maximum of 15 children can be in Entomica at once.
- Children entering Entomica must be accompanied by an adult.
- Those not in Entomica are able to enjoy free time in the museum but must be supervised by at least one adult.

Booking Request Form

Please note a minimum fee of $125 +HST applies.

Ask about Access to Education Funding!

All programs require at least one adult for every 10 children.
Programs include free admission for up to:

- Kindergarten to Grade 3: one adult for every 6 students
- Grade 4 to Grade 8: one adult for every 8 students
- Grade 9-12: one adult for every 10 students

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These charges do not apply to support persons for students with disabilities.

Grade 8 Hydraulics and Pneumatics Curriculum Links

Science and Technology

C. Matter and Energy

Fluids

C2. Exploring and Understanding Concepts

C2.7 describe how forces are transferred in all directions in fluids, including using Pascal's law to quantify the transfer of forces in fluids
C2.9 describe the differences between pneumatic and hydraulic systems