



#### **PROGRAM SCHEDULE:**

Three weeks before your scheduled virtual live session you will receive access to the virtual Theory of Flight Online Activity Kit shared with you as a Google Drive folder: You will have access to the Activity Kit until the end of day on the Friday after your live session.

When you receive access to the Activity Kit, you will also receive a link to a Google Meet for your scheduled Live Session time. The session is 60-minutes.

#### **CANCELLATION AND RESCHEDULING:**

Once your booking is confirmed there is a \$25 administrative fee to cancel. If you need to make a change to your booking due to Covid-19, an alternative date will be arranged with our booking staff. If it is not possible to reschedule the administrative fee will not be applied for Covid-19 related cancellations only.

#### **VIRTUAL LIVE SESSION:**

Your instructors will show videos featuring the museum's historic aircraft to demonstrate the Four Forces of Flight (Gravity, Lift, Thrust, Drag) and aircraft control surfaces.

Instructors will also answer your classes' aviation questions. You can send as many questions as you like, however, there will only be time to answer 5-6 questions during your session.

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#### ***TO MAKE THE MOST OUT OF YOUR LIVE SESSION:***

***Send us your questions before by the end of the week before your session.***

***Log in for your session 10 minutes before your scheduled start time to ensure the technology is working.***

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#### **ONLINE ACTIVITY KIT**

Includes 9 interactive activities with cross curriculum links for Grade 6. All activities include a comprehensive teacher's guide with background information and activity instructions. The

activity kit includes access to primary and/or secondary sources as well as student worksheets and/ or demonstrations.

\*\*Some activities require a screen to share visuals with the class or easily accessible additional materials (listed in the teacher's guides).

**TOPICS COVERED IN THE ACTIVITY KIT:**

**History of Flight** – includes an extension activity featuring Language Arts writing prompts

**Four Forces: Gravity/Weight**

**Four Forces: Lift** – includes how aircraft generate lift as well as how hot air balloons fly

**Four Forces: Thrust/Propulsions**

**Four Forces: Drag**

**Parts of a plane**

**Control Surfaces**

**Investigation** – Students will take on the role of crash scene investigator and piece together a historic aircraft crash

**Properties of Air**

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**FEEDBACK AND SUPPORT:**

*If you have any questions about the Activity Kit please contact programming staff by email at [programs@albertaaviationmuseum.com](mailto:programs@albertaaviationmuseum.com) or phone at 780-451-1175 ext. 108.*

*At the Alberta Aviation Museum, we are always looking for ways to improve our education programs, after your program we will send a teacher and student survey. We ask that you and your class please take the time to fill out these short surveys. Your feedback and ideas will help us continue to develop and improve your experiences. Please feel free to email us if you have any further feedback regarding our programs!*

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