Uncover the mysteries of the CN Tower while students learn about the importance of form, function, strength, and stability to a structures design. Join Heath and Victoria as they embark on a fact finding mission to uncover the various factors that had an impact on the design and construction of the CN Tower through a graphic novel style video presentation. Students will then have an opportunity to explore the CN Tower themselves as they survey the city from above and search for the answer to various curriculum linked questions.

**Bookings include:**
- An educator’s guide with pre and post visit activities to tie your class outing back to learning in the classroom
- On-site curriculum based graphic novel style video presentation
- Self-guided tour of the CN Tower including the Look Out and Glass Floor levels
- Curriculum linked worksheets
- Lunch options available (Additional charges apply)

The Grade 7 - Structures program explores the three “Big Ideas” outlined in the Ontario Curriculum as they relate to CN Tower:

<table>
<thead>
<tr>
<th>Big Ideas</th>
<th>CN Tower Program Content</th>
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<tbody>
<tr>
<td>Structures have a purpose</td>
<td>The primary purpose for the construction of the CN Tower was to transmit radio signals above all the other tall buildings being built in the city of Toronto. The architects wanted to build something that would be able to showcase the great advances in Science and Technology being developed in Toronto, while at the same time providing locals and tourists with spectacular views of the city. This became the secondary purpose of the CN Tower, to provide observation levels for viewing the city below.</td>
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<tr>
<td>The form of a structure is dependent on it’s function</td>
<td>The CN Tower was to be a communications Tower, transmitting signals over the tall buildings in Toronto, therefore it had to be tall. In order to provide visitors with viewing opportunities, large observation areas were also required.</td>
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<td>The interaction between structures and forces is predictable</td>
<td>The CN Tower was to be taller than any other in the world and was to hold the weight of visitors as well as a variety of equipment. Wind, rain, lightning, and weight were among the various forces that would need to be considered in the design and construction of the CN Tower.</td>
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Available: Monday – Friday except Holidays  
Time: 9:00 am – 3:00 pm  
Cost: $13.50 per person  
Chaperones: 1 complimentary for every 10 students

Prices are inclusive of applicable taxes, valid through September 3, 2012

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