



پل معلق کاپیلانو در کانادا

نویسنده: ونوشه شکری

اشاره:

پل معلق کاپیلانو یکی از جاذبه‌های مهم گردشگری و یکی از پر بازدیدکننده‌ترین مکان‌های ونکوور کانادا بشمار می‌رود. این پل بر فراز جنگل و رودخانه کاپیلانو ساخته شده و هرساله بیش از 750 هزار نفر گردشگر از سراسر جهان را به سوی خود جذب می‌کند. این پل نسبتاً باریک به طول تقریبی 500 متر و ارتفاع 70 متر بالاتر از رودخانه ساخته شده است. دو طرف پل به صخره‌های گرانیتی اطراف وصل شده و کاملاً به 12 نقطه اتصال، قوی و محکم است. در حال حاضر جنس پل از چوب‌های بسیار مستحکم و بعضی نقاط شیشه‌های بسیار ضخیم و سیم‌های مفتولی فلزی است.

تاریخچه پل کاپیلانو

پل کاپیلانو در سال 1889 برای اولین بار به دست جورج مکی (George Grant Mackay) ساخته شد. او این پل را با طناب طراحی و ساخته بود تا اینکه در سال 1903 این طناب‌ها با سیم‌های مفتولی جایگزین شدند.

در سال 1910 (Edward Mahon) این پل را خریداری کرد و تبدیل به پل معلق شخصی شد و در سال 1935 نیز فردی مشهور به مک (Maceachran) از صاحب پیشین خریداری کرد و اجازه داد تا عموم مردم از آن بازدید کنند و باعث شد این پارک کم‌کم به قطب گردشگری ونکوور تبدیل شود. اما او هم در سال 1945 این پل به فردی دیگری به نام (Henri Aubeneuea) فروخت.

اپل مذکور در سال 1965 کاملاً از نو ساخته شد. تا اینکه در سال 1983 به صاحب امروزی‌اش نانسی استب بارد (Nancy Stibbard) فروخته شد.

اهمیت پل کاپیلانو

قبل از اجرای پروژه فعلی گردشگران برای رسیدن به پل معلق بالای رودخانه مجبور بودند مسافتی را در جنگل طی کنند و از سویی وقتی سازندگان کاپیلانو با حجم زیادی از بازدیدکنندگان مواجه شدند دریافتند این تعداد بازدید می‌تواند به محیط‌زیست و جنگل آسیب جدی وارد کنند. پس بر آن شدند جاذبه جدید و منحصر به فرد ماجراجویانه‌ای را در جنگل ایجاد کنند. پس با احداث راهروهایی در ارتفاع، مسیر جدیدی را برای رسیدن به پل‌ها ایجاد کردند.

بنابراین نتیجه منحصر به فردی به وجود آمد و استفاده از چندین نوآوری باعث شد از اهداف اولیه پروژه فراتر رود. در نهایت منجر به اجرای طرحی شد که توجه جهانیان را به خود جلب کرد، جوایز بسیاری برنده شد و به مقصدی جذاب برای مسافران محیط‌زیست تبدیل شد.

تکمیل پروژه

در 10 سال اخیر قسمت جدیدی به ابتدای پل اضافه شده است. قبل از رسیدن به پل اصلی، پل‌های چوبی و کم مسافتی ساخته شده است که درختان بلند را به هم وصل می‌کند و گرداگرد آن می‌پیچد و پیش می‌رود.

انتهای هر پل توسط یک سکوی نعل اسبی به درخت‌های صنوبر متصل شده‌اند، به طوری که برای اجرای آن هشت درخت بلند و تنومند به گونه‌ای انتخاب شده‌اند که در شیب طبیعی زمین قرار گرفته باشند، تا بتوانند پل‌های معلق را به آنها متصل کنند.

اتصال درخت‌ها به همدیگر با سکوهای نعل اسبی صورت گرفته تا رفت و آمد بازدیدکنندگان در آن ارتفاع نیاز به پله‌های کمتری نسبت به شیب زمین داشته باشند، به گونه‌ای که هر بازدیدکننده پس از طی 12 پله به اولین پل می‌رسد و سپس در انتهای پل بعد از طی 5 پله وارد سکوی نعل اسبی می‌شود. جالب اینکه پل‌ها طوری به درخت‌ها متصل شده‌اند که هم مانعی برای دید مناظر به وجود نیاورند و هم به بدنه درخت‌ها آسیب نرسانند.

الزامات پروژه

صنوبر و کاج از چشمگیرترین نوع درختان این جنگل می‌باشند که حدود تقریبی عمر آنها به 250 سال می‌رسند و گاه ارتفاع برخی از آنها 70 متر از کف زمین می‌باشند. احداث این پروژه باعث شده افراد در هر گروه سنی به راحتی بتوانند در این مسیر بدون آنکه کوچک‌ترین آسیبی به محیط‌زیست وارد کنند، به گشت زنی بپردازند و از شگفتی‌های طبیعت اطراف لذت ببرند. لازم به توضیح است که در پروژه‌های مشابه دیگر وجود شبکه‌های متعدد کابل‌های اطراف سازه امکان بازدید از مناظر طبیعی را از بازدیدکننده‌ها می‌گیرد.

امکانات ارائه شده در این مکان

این پارک دارای باغ‌های برگزیده و مسیرهای تعیین شده پیاده‌روی و بزرگ‌ترین مجموعه موزه از توت‌های ساکنان نخستین و بومی منطقه، همچنین لباس‌ها و دکورهای مربوط به آن زمان در نمایشگاه‌هایی به همین منظور تشکیل شده که تاریخچه پارک‌ها و جنگل‌های معتدل پیرامونی‌اش را دربردارد. بازدیدکنندگان و گردشگران در طول مسیر ضمن لذت بردن از هوای زیبای جنگلی پارک از نمایشگاه‌ها و موزه‌های مختلف تعبیه شده دیدن به عمل می‌آورند تا همگام با طبیعت اطلاعات تاریخی و زیست‌محیطی مکان را به دست بیاورند.

مجموعه پل معلق کاپیلانو یک پارک آموزشی برای کودکان بشمار می‌رود و از سویی محیطی است برای آشنایی بزرگسالان با طبیعت که در آن موضوعات مردم‌شناسی (تاریخ مردمان بومی کانادا) و همچنین محلی است برای آشنایی با طبیعت، حشره‌شناسی، حیوانات، پرندگان، ماهی‌ها، انواع درختان و حتی مسائل مربوط به زمین‌شناسی و سنگ‌ها که به نمایش گذاشته شده است.

به طور کلی تجربه پیاده‌روی در این پل‌های معلق برای بزرگسالان حس بالا رفتن از درخت را دارد و برای کودکان تجربه خانه‌های درختی با کیفیت جادویی را القا می‌کند.













The Rainforest Canopy

Cycle of Life

The rainforest canopy is an important part of the cycle of life. The trees are the "producers" of the forest - turning energy from the sun into food through photosynthesis. In turn, they provide food and shelter for many other organisms. The energy continues through the cycle when consumers (animals) eat the producers, and finally to the decomposers, who break down the dead organic material and return the energy to the soil to be used by the producers again.



Many insects are part of the rainforest canopy. Some are helpful, like bees, and some are harmful, like mosquitoes.



Digging Out

The rainforest canopy is a place where many animals live. Some animals dig out of the ground to find food or shelter.



The Rainforest Canopy



Finding your Niche

The rainforest canopy is actually made up of four different zones, each with its own unique plants and animals. The trees are the most important part of the canopy, providing food and shelter for many animals.

Each zone has its own unique plants and animals. The canopy is a complex system of life, with many different species living together.

Taking Flight

Many animals in the rainforest canopy are able to fly. They use their wings to move through the air and find food.



Spirit of the Rainforest

Tree of Life



Every forest is a tree of life. It is a complex web of relationships between plants, animals, and the environment. The forest is a living organism, and we are all part of it. The forest is a source of life, and we must protect it.

Cutting Down on Cutting

When 20% of the world's forests are lost, the world's climate will be in danger. The forest is a source of life, and we must protect it.



Spirit of the Rainforest

A Fishy Diet

Did you know that almost all animals are actually an important part of the rainforest ecosystem? The forest is a source of life, and we must protect it.



Rolling Out the Welcome Mat

One of our greatest hopes for the future is that we will all be able to live in a world where the forest is a source of life, and we must protect it.



New Discoveries

The forest is a source of life, and we must protect it. The forest is a source of life, and we must protect it.

Medicinal Plants

Many medicinal plants are found in the rainforest. The forest is a source of life, and we must protect it.









Geology at the Edge

The power of water carved out the dramatic Capilano Canyon, which forms the east edge of our Region.

For better or ill, 12 million to 100 million years ago, the tectonic plates of the Pacific Ocean collided with the North American Plate, pushing the Coast Range northward. This collision created the Coast Range, which now forms the backbone of the Coast Range. The other side of the Coast Range is the Capilano River, which flows into the Capilano Canyon. The Capilano River is a tributary of the Fraser River, which flows into the Pacific Ocean.



Relativity to the River
The Capilano River is a tributary of the Fraser River, which flows into the Pacific Ocean. The Capilano River is a tributary of the Fraser River, which flows into the Pacific Ocean.



Check this out!

The Capilano River is a tributary of the Fraser River, which flows into the Pacific Ocean. The Capilano River is a tributary of the Fraser River, which flows into the Pacific Ocean.



Look here!
This is a photograph of a large, smooth, light-colored rock formation, possibly a glacial errand. It is located in the Capilano Canyon, which is a tributary of the Fraser River.



Get a closer look!
This is a photograph of a large, smooth, light-colored rock formation, possibly a glacial errand. It is located in the Capilano Canyon, which is a tributary of the Fraser River.

Turn the Table
This is a photograph of a large, smooth, light-colored rock formation, possibly a glacial errand. It is located in the Capilano Canyon, which is a tributary of the Fraser River.

How does water carve rock?
This is a photograph of a large, smooth, light-colored rock formation, possibly a glacial errand. It is located in the Capilano Canyon, which is a tributary of the Fraser River.



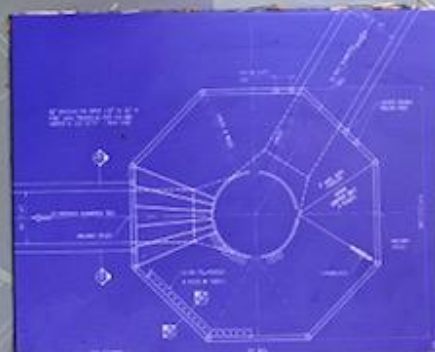




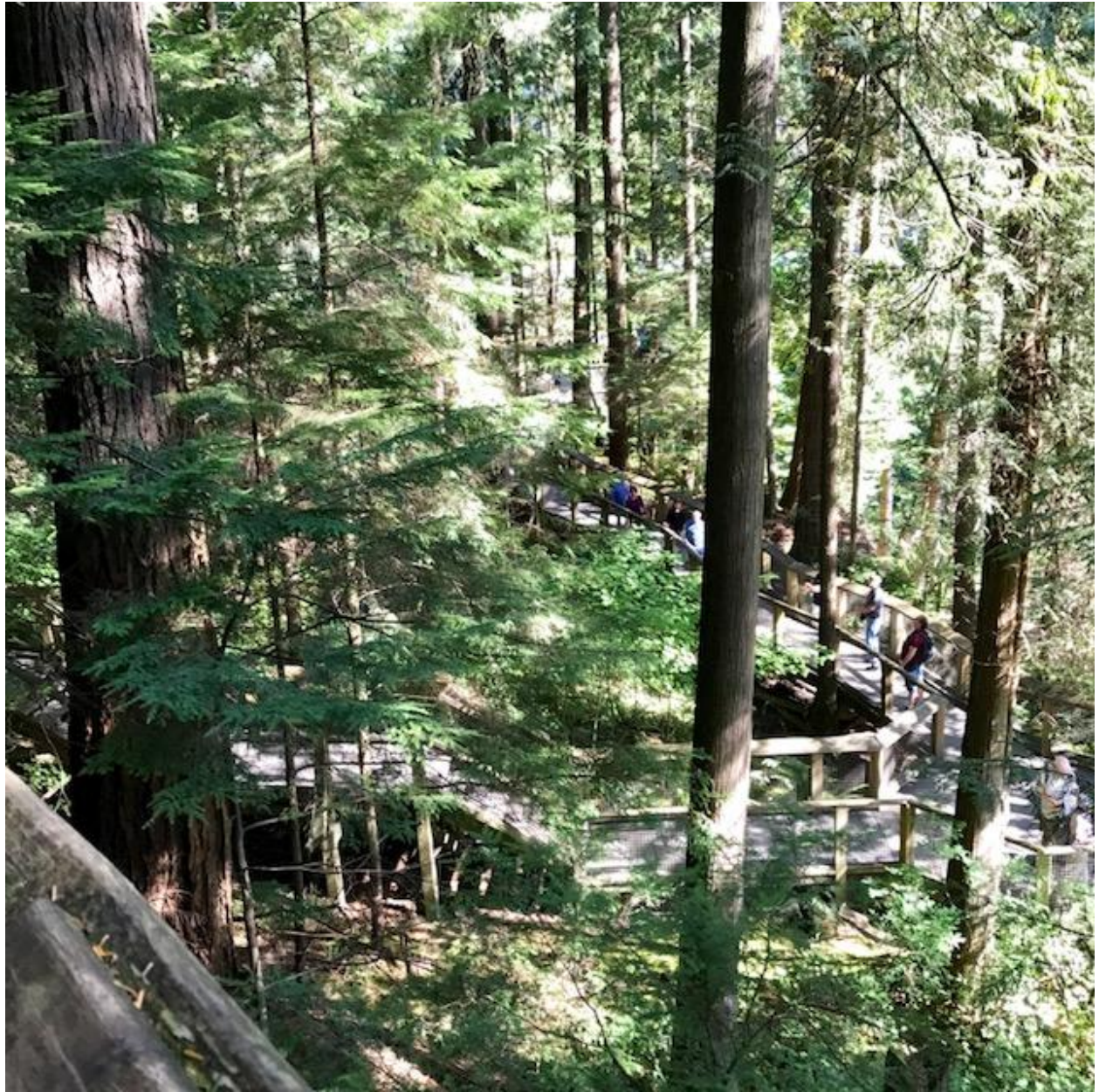
TREETOP CANOPY

Well Planned

Treetops Adventure was crafted entirely by hand to avoid damaging our natural ecosystem. No trees were damaged during construction and no major machinery was used to put the bridges and platforms in place. Instead, we used old-fashioned pulleys and ropes. This unique adventure was designed for your safety—as well as the trees. In order to avoid harming the trees, there were no nails used to attach the bridges and platforms. Instead, the trees are circled with specially designed steel collars that spread the pressure out equally around the tree. This delicate pressure is actually good for the trees, like exercise that makes the tree stronger.



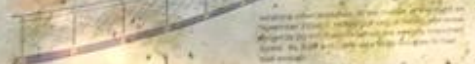






Capilano's

Biggest Visitor



Since 2002, visitors have been amazed to see a massive grizzly bear walking across the suspension bridge. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.

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Allowing the bear to walk across the bridge has a profound effect on the forest. The bear's presence has a profound effect on the forest.

Walking across the bridge is a unique experience. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.



The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.



Now you can see the bear. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.

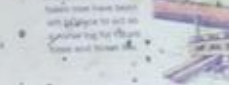
There is a bear that lives here. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.

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To maintain the bridge, the bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.



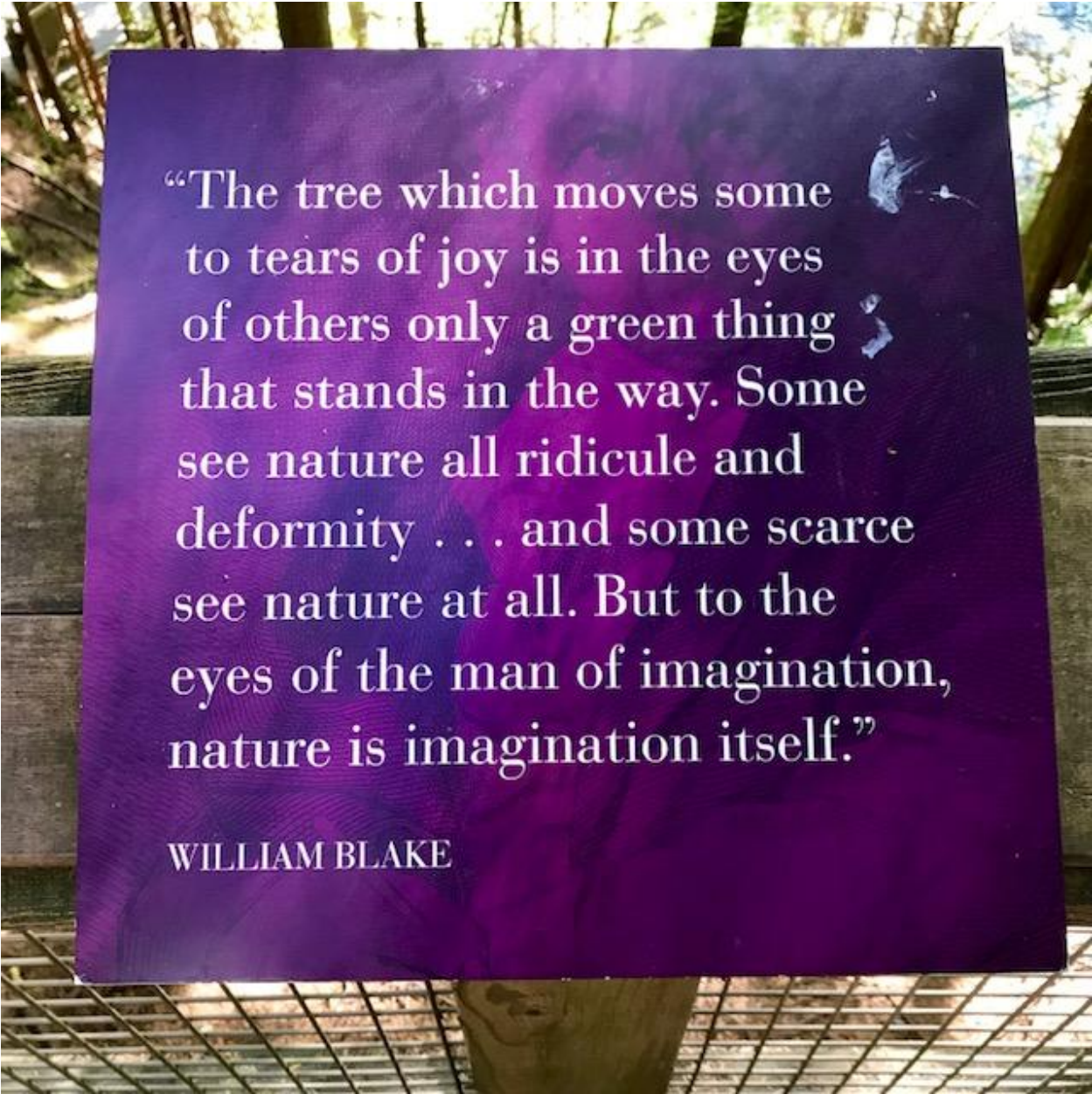
The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.

* Do not touch the bear. The bear is a grizzly bear, and it is the largest grizzly bear ever seen walking across the bridge.

A purple rectangular sign is placed outdoors on a metal grate. The sign features a large, dark silhouette of a tree in the background. The title "Cool Trees" is printed in a large, white, serif font. Below the title, a paragraph of white text explains the benefits of planting trees, such as lowering indoor temperatures and reducing heating costs. The sign is set against a backdrop of green foliage and a wooden fence.

Cool Trees

Planting trees around your house not only makes it look great, it can also lower the summer temperature inside the house by up to 10° Celsius (18° Fahrenheit). In addition to providing shade, the leaves on a tree release moisture, which cools the air. In the winter, the trees become a wind barrier and reduce heating costs by 10–15%.



“The tree which moves some
to tears of joy is in the eyes
of others only a green thing
that stands in the way. Some
see nature all ridicule and
deformity . . . and some scarce
see nature at all. But to the
eyes of the man of imagination,
nature is imagination itself.”

WILLIAM BLAKE

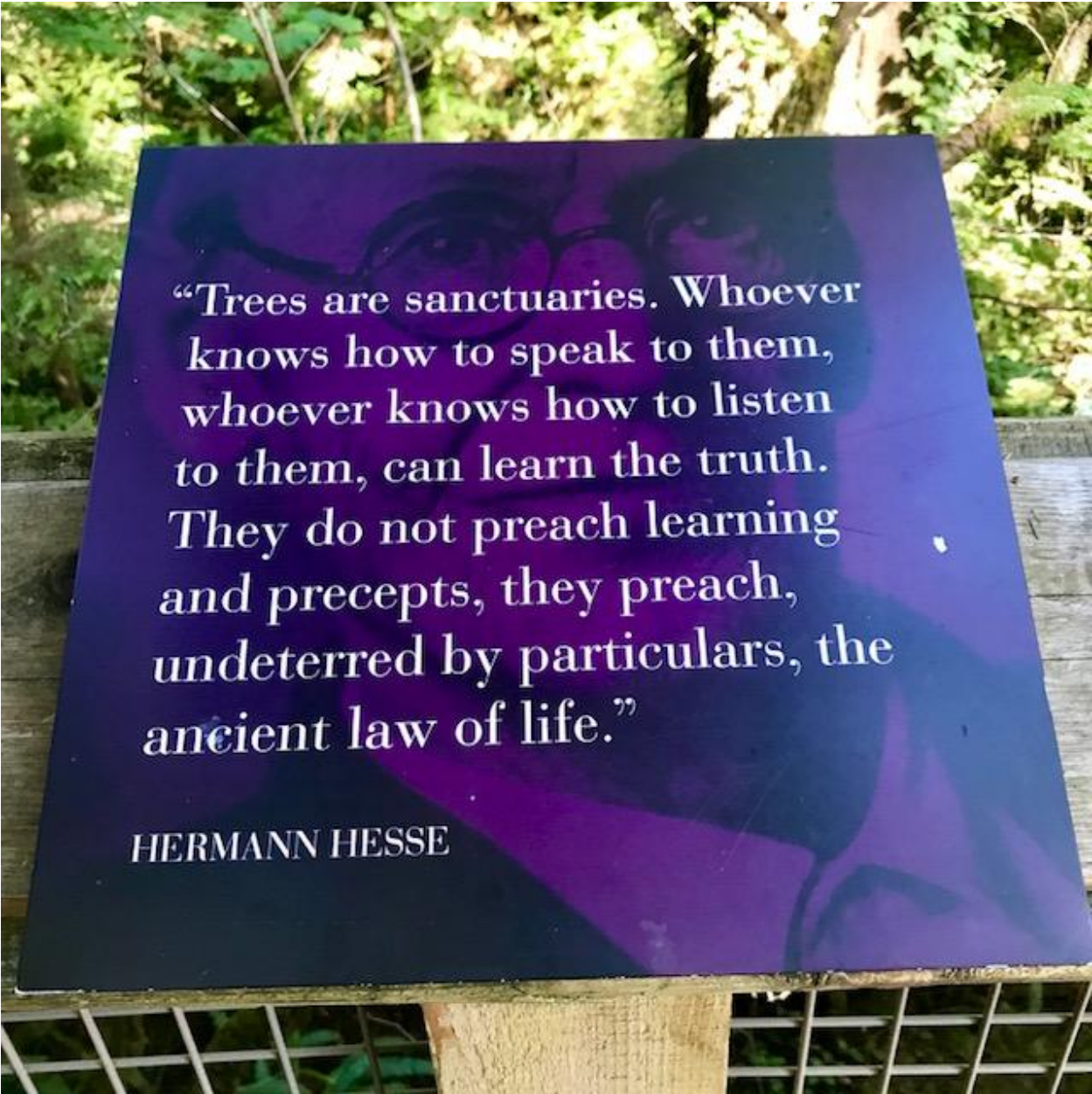


SPIRIT OF THE RAINFOREST

Take A Moment

Close your eyes and listen: can you hear the tree branches creaking in the wind? Despite their huge appearance, wind does occasionally topple these giant trees, creating holes in the canopy. Young seedlings are waiting to seize the opportunity to grow towards the light, racing to fill the hole in the canopy again.





“Trees are sanctuaries. Whoever knows how to speak to them, whoever knows how to listen to them, can learn the truth. They do not preach learning and precepts, they preach, undeterred by particulars, the ancient law of life.”

HERMANN HESSE



IN THE PARK

COMPLIMENTARY GUIDED TOURS

* History tour starts every hour on the hour outside Groups & Information (#2).

* Nature tours depart every hour on the half hour from the deck on the Rainforest side of the suspension bridge (#7). May through October they depart every half hour.

STORY CENTRE (#3)

Meet the storytellers whose vision shaped Vancouver and Capilano Suspension Bridge. Photograph and memorabilia bring their stories to life.

KIK'PALAND (#4)

Discover BC's earliest human connection to nature. Document the photo opportunities among our collection of totem poles.

CAPILANO SUSPENSION BRIDGE (#6)

450 feet (137m) long and 230 feet (70m) high. Reasonably wobbly since 1889!

THE RAINFOREST

Take a guided tour or explore on your own to gain a deeper understanding of this temperate West Coast rainforest ecosystem.

RAPTORS RIDGE (#9)

(Seasonal) Get up close with legendary birds of prey like the Harris Hawk and Great Horned Owl.

TREETOPS ADVENTURE (#10)

Your adventure begins at the Treehouse and continues on seven suspension bridges through magnificent old growth Douglas firs.

NATURE'S EDGE (#11)

A tangerine walk along the edge of the rainforest with rocky forested views of the Capilano River.

FALLEN TREE

While on Nature's Edge boardwalk, see the remains of the 46 ton tree that fell onto the bridge during a spectacular winter storm in 2004. The tree snapped in half, but the bridge held firm.

KIDS' RAINFOREST EXPLORER (#10)

Collect research data and explore the rainforest with this fun self-guided program. Perfect for kids age 6-12. Pick up your materials at the Treehouse.

CLIFFWALK (#12)

Scenic viewpoints along sheer granite cliff faces offer stunning canyon views on this heart-stopping cliff-side journey.

CANYON LOOKOUT (#14)

This area is located behind the Trading Post, offering views of the Sledge, Canyon and Cliffwalk.

INFORMATION & SERVICES

GROUPS & INFORMATION (#2)

Capilano team members will assist you with transportation and visitor information.

GUEST SERVICES (#18)

Guest Services will assist you with BC Annual Pass and visitor information. When you have collected all your passport stamps, pick up your free "I MADE IT!" certificate here.

FIRST AID

Any Capilano team member is able to assist you.

LOST & FOUND (#10)

See us at Guest Services.

STROLLERS & WHEELCHAIRS

Strollers and wheelchairs are not permitted on the suspension bridge or Cliffwalk but can be left at owner's risk next to the Bridge Safety Station (#5).

LOST CHILDREN

In the event of a missing child, please return to the Capilano team member immediately.

BANK MACHINE (#15)

There is a bank machine inside the Trading Post.

DOGS

Good dogs on a leash are welcome in the park.

RE-ENTRY

Your ticket and a hand stamp are required for some day re-entry during opening hours. Hand stamps will be given to guests at the kiosk, but will also be available from Guest Services.

SHOPPING

TRADING POST GIFT SHOP (#15)

Handmade fudge and a new collection of keep-some clothing, toys, first Nations art, postcards and souvenirs with a distinctly Capilano edge.

FOOD

CAPILANO COFFEE COMPANY (#17)

Fresh sandwiches, pasta dishes, hot chocolate, baked goods and more beverages.

LOGGERS' GRILL (#19)

(Seasonal) Burgers, beer and hot off the BBQ dining.

DR. WOOD'S CABIN (#8)

Light refreshments.

GET SOCIAL

-  @capsuspbridge
-  /capilanosuspensionbridgepark
-  /capilanosuspensionbridge
-  /capbridge.com
-  /capsuspensionbridge



FOR YOUR SAFETY:

It is the responsibility of each parent or guardian to supervise those under their care.

ON THE BRIDGES:

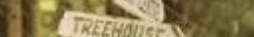
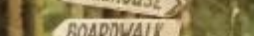
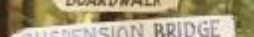
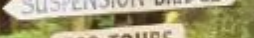
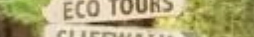
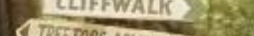
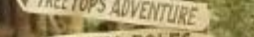
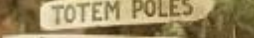
- No running or bouncing
- No children in wheelchairs
- Hold small children by the hand
- Carry babies below waist level

IN THE PARK:

- Keep on designated walkways
- Walkways may be slippery when wet
- If you drop something over the railing, do not attempt to retrieve it yourself. Notify park staff.

NO SMOKING IN THE PARK

CAPILANO SUSPENSION BRIDGE PARK MAP & PASSPORT

-  TREEHOUSE
-  BOARDWALK
-  SUSPENSION BRIDGE
-  ECO TOURS
-  CLIFFWALK
-  TREETOPS ADVENTURE
-  TOTEM POLES
-  KIDS' RAINFOREST EXPLORER
-  LOGGERS' GRILL