

UBC Let's Talk Science Summer Daycamp: Quest to Middle Earth: A Scientific Odyssey Information for Families

We are excited that you will be joining us on our adventure this summer! We will be exploring the world of Middle Earth through J.R.R. Tolkien's *The Hobbit* while also learning about real-world science. The camp is open to students who are at least 11 years of age and who will be entering grade 7 in Surrey, BC, in September 2016. To apply for a space in the camp, please sign and return the application form and all attached waivers by **June 22** (priority deadline is **June 15**).

Please keep this sheet for your reference, along with the safety info sheet for the Triumph Research Centre tour.

If you have any questions or concerns, please contact us at summercamps@ubclts.com.
For urgent matters during camp hours, please contact Claire (778-707-4017) or Guilaine (604-916-4378).

Camp Schedule

Date	Time	Where will we be visiting in Middle Earth?	Science Topics	Field Trips
July 28	9am-5pm	The Shire	Food science, Agriculture, Physics	UBC: UBC Farm and Triumph Research Centre
July 29	12pm-12am*	Rivendell	Physics, Astronomy	6Pack Beach Archery Tag, MacMillan Space Centre
August 2	9am-5pm	The Misty Mountains	Geology, Engineering	
August 3	9am-5pm	Mirkwood	Birds of prey, Ecology	Green Timbers Urban Forest
August 4	9am-5pm	Erebor (the Lonely Mountain)	Paleontology, Earth sciences, Chemistry, Computer science	
August 5	9am-5pm	Battle of 5 Armies	Topics covered July 28 th -Aug 4 th	

*Please note the different start and end times on July 29th! We will be visiting the observatory at MacMillan Space Centre and will need to be there after dark in order to see the night sky. Pizza will be provided for supper free of charge.

Drop-Off Info: Please drop off your child directly at Green Timbers Elementary School (8824 144 St, Surrey, BC) within a half hour of the start time (between 8:30-9:00am for all days except July 29th).

Pick-Up Info: Please pick up your child from Green Timbers within a half hour after the ending time. On the night of July 29th, we will have the school open so that children can wait inside for their parents. Alternatively, children may be picked up from directly from MacMillan Space Centre (1100 Chestnut St, Vancouver, BC) upon request.

**What should my child bring?**

A lunch (if you did not pre-order lunches)

A water bottle

Appropriate clothing: Some activities will be held outside, so dress for the weather and consider bringing a jacket. Please wear comfortable walking shoes, especially on August 3 since we will be walking to the forest from the school.

Storage of valuables on site: Please do not have your child bring expensive equipment (cameras) or large sums of money as there is limited storage security for valuable items.

Field Trips

Please read the requirements and safety information provided for all field trips and guest demonstrations and have your child dressed accordingly. **Please note that closed toe shoes are required on July 28th.** Your child will not be allowed to participate in the Triumph tour if they are not wearing closed toe shoes.

Because some of our activities are hosted by other organizations, we do need you to sign separate waivers. Please make sure all waivers are signed and returned along with your application!

Transportation: For the July 28th and 29th field trips, we will have a bus to take us to and from our destination. August 3 will be a walking field trip. The walk from the school to the park is about 30 minutes (2 kilometers).



Guest Safety Information

TRIUMF is committed to safety. The TRIUMF tour route is designed to be safe for adult members of the general public and does not require any personal protective equipment. That said, as TRIUMF is a working physics laboratory, there are some safety considerations to be aware of when on site. In this document, we have outlined some important safety information every guest must review before visiting the laboratory.

Before Visiting TRIUMF

Footwear: To protect personnel and guests moving through the TRIUMF site, closed toe shoes with a low heel are required footwear on the tour route and in non-office areas within the TRIUMF perimeter fence. These areas contain potential hazards such as equipment and objects with sharp corners, material from construction work, as well as metal stairs that necessitate appropriate footwear.

Attire: As the tour route involves walking over grated floors and stairs, it is highly recommended that guests wear long pants.

Bags: Large bags/knapsacks are not permitted on the tour route. As TRIUMF does not have locker or storage space for guests' items, we ask that guests not bring large bags/knapsacks with them to TRIUMF.

Food and drinks: There is absolutely no food or drinks (including water) allowed on the tour.

Cameras: Cameras are welcome (still and video).

Implanted medical devices: Magnetic fields are present on parts of the TRIUMF site. As a result, guests with any implanted medical devices may be at risk as these devices may function erratically even in relatively weak magnetic fields.

Implanted medical devices affected by magnetic fields include, but are not limited to:

- Pacemakers
- Neurostimulators
- Infusion pumps
- Intracranial aneurysm clips
- Shunts and stents
- Cochlear implants
- Implantable cardioverter defibrillators (ICDs)

Prior to visiting TRIUMF, all prospective guests with an implanted medical device should visit their doctor to **obtain documentation on the magnetic and electric field sensitivity of their device**. In case of doubt, guests with any type of implanted medical device should notify their TRIUMF host prior to or immediately upon arrival at the laboratory and avoid tour areas with measured magnetic fields above background levels.

NOTE: Intrauterine devices (IUDs) and large medical implants such as hip replacements will not be affected by the magnetic fields on the TRIUMF tour route, nor will credit cards or any consumer electronic equipment.

Once You Arrive at TRIUMF

Signing in: Safety regulations require that we keep track of everyone who enters the TRIUMF site. Upon arriving at the laboratory, please sign in at main reception or other registration area as instructed by your TRIUMF host. If you are with a group, please arrive prepared with a list of all group members joining the tour.



Implanted medical devices: All guests with implanted medical devices who have not yet notified their TRIUMF host must alert them upon arrival. If available, guests with implanted medical devices are asked to provide documentation on their device's sensitivity to external electric and magnetic fields.

While waiting for your tour to begin: While waiting for your tour to start, please be considerate of the TRIUMF staff working in the surrounding area. To support staff in continuing their work uninterrupted, we ask guests not to wander and to help keep the noise level to a minimum.

Washrooms: Be sure to use washrooms before the start of the tour. If guests need to use the washroom facilities while on the tour route, they must ask their guide to stop. Guests may not leave their group for any reason.

On the TRIUMF Tour

Remain with your guide: At all times throughout the duration of the tour, **guests must stay together with the TRIUMF guide.**

Radiation safety: Guests having had a nuclear medicine scan within the last week should inform their tour guide, as they are likely to set off the portal monitor when entering or leaving the site.

Children: Guests must ensure that each child between the ages of 6-12 years of age remain under close supervision by a responsible adult. Large groups of children (such as school classes) with few adult supervisors are limited to children aged 12+ years. For each tour group with children under the age of 12, there must be a minimum of one adult supervisor present (in addition to the TRIUMF tour guide).

Adult to child ratios for groups:

- 0-6 years 1:1
- 6-10 years 1:5
- 0-12 years 1:7

Note that TRIUMF reserves the right to restrict participation on tours.

About TRIUMF

TRIUMF is Canada's national laboratory for particle and nuclear physics and accelerator-based science. We are an international centre for discovery and innovation, advancing fundamental, applied, and interdisciplinary research for science, medicine, and business. Owned and operated by a university consortium, TRIUMF trains and inspires future leaders in science and technology. Our laboratory is a hub for inquiry and ingenuity, a Canadian centre of excellence deeply integrated into the global scientific community. TRIUMF's multidisciplinary team of over 500 staff and trainees collaborates with Canadian and international users who visit the laboratory to leverage our world-class facilities. Together, we drive compelling research and develop ideas and innovations that benefit humanity. Connect with TRIUMF on [Twitter](#), [Facebook](#), and [Instagram](#): TRIUMFLab. www.triumf.ca

Tour Contact:

TRIUMF
4004 Wesbrook Mall, Vancouver, BC V6T 2A3
www.triumf.ca | tours@triumf.ca | Tel 604.222.1047



**UBC Let's Talk Science Summer Daycamp: Quest to Middle Earth: A Scientific Odyssey
Application Form**

Please return your completed and signed application form to:

Claire Bomkamp
UBC Let's Talk Science
University of British Columbia
2357B-1874 East Mall (Brock Hall Annex)
Vancouver, BC V6T 2G9

Or scan and return by email : summercamps@ubclts.com

Student information

Name: _____ Birthdate: _____

School: _____ Grade (in September): _____

Allergies and other dietary restrictions: _____

Instructions: _____

Medical conditions or injuries we should be aware of: _____

Instructions: _____

Have you already read or watched *The Hobbit*? Read the book Watched the movie

What was your favorite part? _____

Parent or legal guardian 1 information

Name: _____ Email: _____

We will provide camp updates and information via email. You will not be added to any other mailing list.

Phone number(s): Home: _____ Work: _____ Mobile: _____

Please give numbers at which you can reliably be reached during the day in case of emergency.

Parent or legal guardian 2 information

Name: _____ Email (optional): _____

Phone number(s): Home: _____ Work: _____ Mobile: _____

Pick-up by a third party:

If your child will be picked up by someone other than a parent or legal guardian listed above, please provide their name and let them know that they will be asked for identification.

Name: _____ Relationship: _____

Daytime phone number(s): _____

Do you wish to allow your child to sign him/herself out at the end of the day and leave without a parent or guardian? Yes No

Alternative Emergency Contact

Name: _____ Relationship: _____

Daytime phone number(s): _____

Lunch options

Will bring own lunch

Would like to purchase lunch. Cheque for \$37.50 enclosed. *Please make payable to "UBC Let's Talk Science" and make sure your child's name is included in the "Memo" line.*

We want our camp experience to be accessible to all families! If the cost of lunch would prevent you from participating, we may be able to help. Please contact us by email (summercamps@ubclts.com) to make arrangements.

Parent or legal guardian signature: _____ **Date:** _____

let's talk
science
at the University of British Columbia

This waiver pertains to the University of British Columbia Let's Talk Science day camp entitled "Quest to Middle Earth: A Scientific Odyssey" which will take place from July 28 until August 5, 2016, hosted at Green Timbers Elementary, Surrey.

Student's Full Name: _____ Male / Female (please circle) Date: _____

I, the undersigned, being the parent or legal guardian of the above child confirm that I consent to my child participating in the University of British Columbia Let's Talk Science day camp presented, organized and/or supported by each of the University of British Columbia, Let's Talk Science, all Student Organization Registrars, and all clubs and groups under their jurisdiction together with each of their directors, officers and/or employees (the "Organizers"). **Despite the fact that the Organizers will take reasonable steps to ensure a safe experience during the program, I understand and accept that my child's participation in this program involves a risk of accident or injury and I hereby release and forever hold harmless the Organizers from all liability arising from my child's participation in the program including the risk of loss or damage of their personal property. I accept full responsibility for my child's actions and agree that the Organizers will not be held liable for any injuries or distress sustained, in the unlikely event of an accident.**

I am responsible for my child's transportation to and from Green Timbers Elementary and I fully acknowledge that the University of British Columbia and Let's Talk Science will not be held responsible for my child's transportation home.

I understand the terms stated above, and I give permission for my child to participate in the University of British Columbia Let's Talk Science daycamp "Quest to Middle Earth: A Scientific Odyssey".

_____	_____
Parent/Guardian Name (Please Print)	Parent/Guardian Signature

I, the undersigned, agree that my child can be photographed/videotaped during the University of British Columbia Let's Talk Science day camp. Please check the boxes you consent to.

For use by Let's Talk Science and supporters: I authorize that any images or videos of my child from this event may be used, in whole or in part, for educational or promotional purposes of Let's Talk Science and Let's Talk Science supporters and partners. This includes, but is not limited to, catalogues, brochures, posters, magazines, books, electronic newsletters, websites, public service announcements and social media pages for Let's Talk Science and Let's Talk Science supports and partners.

Due to the nature of this event, there is a possibility of local media interest, leading to newspaper, radio, and/or television coverage in which your child may appear or be featured. I authorize any images or video of my child for media coverage purposes.

Let's Talk Science will not publish full names of children alongside photos or in videos, and will remove identifying features (such as nametags etc.) from images before they are used.

_____	_____
Parent/Guardian Name (Please Print)	Parent/Guardian Signature

FARMDISCOVERY TOUR ACKNOWLEDGEMENT OF RISK

I acknowledge that there are risks, dangers, and hazards associated with my child's participation in FarmDiscovery Farm Tours including, but not limited to injuries arising as a result of rough, unstable or slippery terrain; falling trees and branches; moving vehicles; exposure to sun and rain and other adverse weather conditions; unpredictable animal behavior; theft; consumption of food and drink, whether made by professionals or by non-professionals; insect bites and stings; and negligence of other participants or UBC staff, and I acknowledge and accept these risks.

I also give permission for UBC Farm staff members to administer first aid treatment if necessary, and I acknowledge that I will be responsible for any medical or other charges in connection with any treatment.

Participants are expected to be respectful and considerate towards other participants, UBC staff (including all instructors), and external partner organization instructors. Participants are expected and required to follow the directions of all instructors, to stay in close proximity to their instructors during the event, and are not permitted to leave during the event without informing instructors and getting their consent. I confirm that I have discussed these rules and expectations with my child.

Signature of Parent: _____

Printed Name of Parent: _____

Date: _____



6Pack Entertainment Inc . RELEASE, and WAIVER OF LIABILITY, ASSUMPTION OF RISK AND INDEMNITY AGREEMENT : (“AGREEMENT”)

THIS RELEASE FORM IS A CONTRACT WITH LEGAL CONSEQUENCES. PLEASE READ IT CAREFULLY BEFORE SIGNING.

1) I acknowledge, agree, and represent that I understand the nature of all 6Pack Beach Activities and that I am qualified, in good health, and in proper physical condition to participate in such Activities. I further agree and warrant that if at any time I believe conditions to be unsafe, I will immediately discontinue further participation in the Activity.

2) I want to participate in 6Pack Entertainment Inc’s 6Pack Beach Centre. I understand and acknowledge that the sports of Beach Volleyball, Beach Archery Tag, Beach Soccer, Beach Tennis, Beach Dodgeball, Beach Ultimate Frisbee and all Beach games may involve physical risk. I understand that the games of Beach Volleyball, Beach Archery Tag, Beach Soccer, Beach Tennis, Beach Dodgeball, Beach Ultimate Frisbee and all beach games are played on sand beach courts whose condition are variable and unpredictable man-made obstacles which can change without notice, both of which could contribute to the safety of play and result in serious personal injury.

3)In consideration of 6Pack accepting me as a participant during the 2016 season, I for myself, my heirs, executors, administrators, successors and assigns, hereby release, waive and forever discharge 6Pack Entertainment Inc., its owner and sponsors and all their respective agents, officials, servants, contractors, representatives, directors, elected and appointed officials, successors and assigns of and from all claims, demands, damages, costs, expenses, actions and causes of action, whether in law or in equity, in respect of death, injury, loss or damage to my person or property howsoever caused, arising to or to arise by reason of my participation in the 2016 season of 6Pack Entertainment Inc., whether as a spectator, participant, competitor or otherwise, whether prior to, during, or subsequent to the 2016 season and notwithstanding that same may have been contributed to or occasioned by the negligence of any of the aforesaid. I further hereby undertake to hold and save harmless and agree to indemnify all of the aforesaid from and against any and all liability incurred by any or all of them arising as a result of, or in any way connected, with my participation in the 2016 season of 6Pack Entertainment Inc.

Signature of Participant and/or Parent or Guardian

*This section is required for all participants, and the parent or guardian of a minor.

*Must be 18 years of age or older to sign this document.

Full Name: _____ **Today’s Date:** (MM)/(DD)/2016

Address or email: _____ **Date of Birth:** (MM)/(DD)/(YY)

Signature: _____ **Check here to not receive our newsletter:** _____

Guardian’s Name (if under 18): _____ **Guardian’s Signature:** _____

Emergency Contact’s Name: _____

Emergency Contact Phone #: _____ **Emergency Contact’s Relation:** _____

PLEASE NOTE WE RESERVE THE RIGHT TO REVIEW YOUR DRIVER’S LICENSE AND/OR OTHER FORMS OF IDENTIFICATION IN ORDER TO VERIFY IDENTITY AND DATE OF BIRTH/AGE

Fill out back page for underage Minors



Name(s) and Date(s) of Birth for all Children under 18

*Section is required if you are releasing the liability for children under 18 years of age.

***Recommended minimum age of participant for Archery Tag to be 12 years of age.**

In consideration of the minor child(s) detailed below, being allowed to participate in the activities, I voluntarily agree that all terms and conditions set forth herein shall equally apply to such minor(s) as if the minor child was eighteen years old or older.

Name Minor #1: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #2: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #3: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #4: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #5: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #6: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #7: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

Name Minor #8: _____ **Date of Birth:** ____/____/____
Relation: _____ (MM / DD / YY)

PLEASE NOTE WE RESERVE THE RIGHT TO REVIEW YOUR DRIVER'S LICENSE AND/OR OTHER FORMS OF IDENTIFICATION IN ORDER TO VERIFY IDENTITY AND DATE OF BIRTH/AGE