

Tohickon District proudly presents:

# Tohickon Space Ex 22



May 20, 21, 22 2022

Tinicum County Park

963 River Rd. Upper Black Eddy, Pa 18972

Cub Scout Adventure Day @ Tohickon Space Ex 22 - May 21

# Communication: (ke.myoone'kaSH'en)

The imparting or sharing of information or  
news



Please **communicate** the information in this Leader's Guide.

## Safety: Covid 19 (as of 4.1.22)

To help insure the safety of everyone attending Tohickon Space Ex 22, please follow the policies of the following:

- Follow the Covid 19 policy of your Chartered Organization
- Bucks County Dept. of Health [www.buckscounty.org](http://www.buckscounty.org)
- Pa. Dept. of Health [www.health.pa.gov](http://www.health.pa.gov)
- Center for Disease Control [www.cdc.gov](http://www.cdc.gov)
- [www.scouting.org/covid](http://www.scouting.org/covid)

This is a mask optional event.

Those who exhibiting covid symptoms will be isolated and unit leadership will arrange transportation home

Anyone who feels unsafe or has thoughts they might not be safe attending Tohickon Space EX 22 because of Covid 19 should consider not attending.

Anyone considered “High Risk” should consider not attending.

Units should provide hand sanitizer and a handwashing station with soap in their campsites. Scouts should consider carrying hand sanitizer with them. Large tents with multiple scouts in them are discouraged.

## Safety

All youth members will use the “Buddy System” when moving around the park. At no time should a scout be by themselves. Please remember that Tinicum Park will be open to the public during our event. Tri buddies are required when youth are traveling through the park in a coed group.

River road, the Delaware River, and the boat launch area are off limits for this event and are not approved for scouting. There are a few areas that are private property and off limits to scouts. If everyone is following the Scout Oath and Law there should be no problems. Please be respectful of our neighbors, we are their guests.

Gathering in parking areas is prohibited. Playing ball, frisbees, “hanging out” in parking areas are prohibited.

## Parking

Tinicum County Park offers ample parking if everyone follows the direction of the parking lot staff. Please follow their directions!

We highly recommend a speed limit of 5 MPH when driving through the park. There will be hundreds of youth throughout the park. Please be very careful in the parking areas and when driving through the park.

Parking in the first parking lot as you enter the park is prohibited. This lot is for trucks with boat trailers,

We will have specific areas for units with trailers, please follow the directions of the parking lot staff. Trailers will need to be unhooked from the towing vehicle. Trailers should be properly secured so that it doesn't roll. Trailers should be unloaded then locked. Using a trailer as a shelter is prohibited in scouting. In addition, we will have a drop off area for those scouts who are just being "dropped off".

We will have specific parking for our Cub Scout families, please follow the directions of the parking lot staff.

Parking lots are off limits to youth members once vehicles are unloaded.

## Check in Procedures

Unit leaders and the SPL will need to check in at HQ, please submit a unit roster with those who have recently passed the BSA swimmers test identified. Numbers will be verified and your unit will be escorted to your campsite. Check in begins at 6pm, please do not arrive earlier as the staff will not be prepared to check you in.

## Cell Phones

Units should implement their own cell phone policy. Individuals must be ethically responsible when displaying or streaming content. Cell service is just ok at Tinicum Park. Please note: there is no place to charge electronics at Tinicum Park.

## Prohibited

The following are prohibited at Tohickon Space Ex 22 and could result in immediate dismissal. They apply to everyone - Alcoholic beverages, illegal or non-prescription medication, firearms, fireworks, hazing, bullying, vandalizing personal, private, or park

property, stealing, fires in non designated areas, fighting, and/or behaviors inconsistent with the Scout Oath and Law. No pets. Cutting trees down (alive or dead) is prohibited. Thank you for your anticipated cooperation.

## Camping

Units are required to:

- All campers (adults & youth) must be current chartered members of the BSA
- Every adult must have current Youth Protection Training (YPT2.0)
- Adults who are Pa. residents must have completed the 3 required Pa. clearances
- Adults should complete Hazardous Weather training which can be found at [My.scouting.org](http://My.scouting.org)
- One adult leader per unit must have successfully completed Introduction to Outdoor leader Skills (IOLS).
- Each unit must have at least 2 fully trained adult leaders in attendance. Female units need at least one fully trained adult female leader and another fully trained leader.
- Unit Leaders must have in their possession a signed Annual Health and Medical Record (AHMR) for everyone in attendance (youth and adults). Parts A&B only. A photocopy of each individual's health insurance card should also be obtained. Hard copies only! Please remember that AHMR's should never be digitized or stored on a device like a thumbnail, etc.
- Please follow the direction of the staff when setting up camp. No hammock camping.
- Running water is located nearby, please bring your water storage items. Washing one's self or camp cookware at the water spigot is prohibited.
- All units are required to have a handwashing station in their campsites. Soap and Water!
- Ground fires are not permitted at unit campsites
- Digging is not permitted at Tinicum Park.
- Propane stoves and charcoal grills are permitted at campsites and should never be set up under a tarp or easy up tents. Charcoal grills should be set up at least 24 inches from the ground. Units are permitted to use the park's charcoal grills located in the picnic grove and the canal pavilion (Units can bring their own charcoal grill and extinguish it when done). Please remember! Charcoal lighter fluid is not approved for any BSA function.
- Dutch oven cooking is strongly encouraged. Units could use a charcoal grill at their campsites or a fire ring at an unoccupied campsites. Units should be prepared to extinguish their fires. Charcoal lighter fluid is not approved for any BSA function.

- Bucks County Parks & Recreation has asked us not to move picnic tables. Please bring your own tables and chairs for your campsites.

## Medications

Parents should turn over all needed medication to a designated adult leader. All medication should remain in its original containers. The unit designated leader is responsible to make sure the scout receives their medication. Epi pens and rescue inhalers should remain with those scouts who require them.

## Smoking

Smoking/vaping should never occur in front of youth members. Smokers should go to an area where there are no youth and smoke. Please clean up afterwards. Thank you for your anticipated cooperation.

## Uniforms

Units should implement their own uniform policy when traveling to and from Tohickon Space Ex 22. The official uniform for Tohickon Space Ex 22 is the field activity uniform (commonly referred to as "Class B Uniform"). For review, the field activity uniform is scout pants/shorts, scout belt, scout socks, and a scout t-shirt or a plain solid color t shirt, and a scout hat (optional). **Unit Leaders: we need your help - please no street clothes at Tohickon Space Ex 22.** This is a great time to show off all those great unit t shirts or you can order a Tohickon Space Ex 22 t shirt until April 10.

Closed toed shoes are required. Sandals/Flip Flops are inappropriate.

**Tinicum Park will be open to the public. The best way to distinguish our scouts from other visiting youth is to have them wear the field activity uniform.**

## Trash

Pack it in - Pack it out! Units should take their trash with them when they depart. Units should implement their own recycling program. Trash cans at Tinicum Park are for personal trash items.

## Wildlife

Tinicum park is located in a semi-rural area, the park supports numerous species of wildlife. Common species are: raccoons, skunks, deer, snakes, and an occasional black bear. Food and drinks should never be kept in tents. Food should be stored in locking totes or in the trunk of cars. Trash bags should be secured at night. Other smellables are deodorants, hair care items, soaps, toothpaste, etc.

Please be aware and prepared for insects (ticks, bees, mosquitos,etc.)

## Poison Ivy and Poison Oak

Poison Ivy and poison oak are present at Tinicum Park. Everyone should be able to identify it and avoid it, know what to do if you come in contact with it, and the first aid for it. Staying on trails will reduce the chance of you getting poison ivy.

## Injuries and Illnesses

All injuries and illnesses must be reported to the camporee medical staff. The location of medical staff will be disclosed at the Friday night leaders meeting. In extreme situations, dial 911 first then have someone notify the camporee medical staff.

## Recommended

It is highly recommended for units to be prepared to set up easy-up tents and/or tarps. We will be camping in a very large grass field with no shade. The sun can be extremely strong in late May - "Be Prepared". Easy up tents should be staked or weighted down.

## Port o Johns

Port o Johns have been leased for Tohickon Space Ex 22. Let's keep them clean! All campers will be using them. Again! Let's keep them clean! Vigorous hand washing afterwards please! Going "in the weeds" or "behind a tree" is inappropriate in today's BSA.

## Departures

Tohickon Space Ex 22 will end no later than 11am on May 22. Final assembly is scheduled for 10am. The Senior Patrol Leader will notify camporee staff they are ready to depart, the area will be inspected. Trash needs to go home with the unit. A survey should be turned in at this time.

# Cub Scouts Spend the Day At Tohickon Space Ex 22!

- Enjoy the day at Tohickon Space Ex 22 camporee. There is so much to do! Enjoy the Cub Scout specific activities like BB gun shooting, space derby, hiking, backyard bass, Arts & Crafts, etc, The fun starts at 9am.
- Pre Register for a NOVA award! Learn and have fun earning the “Swing” NOVA award. Units must pre register for this on the council registration form. Maximum of 40 cub scouts for the morning and 40 in the afternoon. To register, units must use their unit credentials to sign on the council website. Build their roster and then they are able to fill in the spots with names of cub scouts. Units can present the award at their next Pack meeting. **Please be sure to check out the page in this leader's guide regarding NOVA - Swing, including a prerequisite requirement.**
- Packs and Dens are urged to spend the day and part of the evening. Packs will set up “home base” near the picnic grove. It is recommended to set up an easy up tent or two, along with chairs. Please stake or weigh down your easy ups.
- Bring a bag lunch and grill up some hot dogs and hamburgers for dinner. Better yet, partner up with a BSA unit for dinner. Please remember that charcoal lighter fluid is prohibited at all BSA functions.
- Stay for the evening and enjoy the district campfire, or better yet be part of the campfire program! Then afterwards everyone will have the opportunity to look through the powerful telescopes at the moon and stars provided by Bux-Mont Astronomical Society.
- All Cub Scouts must be under the direct supervision of a parent or guardian, Den Leader, or Cubmaster. No dropping off and leaving unsupervised youth.
- We love pets but please leave them home for this event.
- Bring your kickballs, corn hole, frisbee's, etc and challenge another Pack to a game.
- Bring your bikes and helmets and your Pack can organize a bike ride along the Delaware Canal Towpath. Please remember to check the Guide to Safe Scouting when planning.
- All registered cub scouts and leaders will receive the official Tohickon Space Ex 22 patch which can be worn on your uniform.



## **Delaware Canal & Towpath**

Running along the Delaware River for 60 miles, the Delaware Canal starts in Easton Pa and goes all the way to Bristol Pa. Construction started in 1829 as it was primarily dug by hand by mostly Irish immigrants. The canal transported anthracite from towns in Northeast Pa like Mauch Chunk, Nesquehoning, and Wilkes-Barre. Millions of tons of anthracite travel its way by mule drawn barges to Philadelphia. By the 1920's railroads were a more efficient way to transport anthracite. Sadly the last commercial barge flowed the canal in 1931. In 1940 the canal became part of Theodore Roosevelt State Park. The canal was largely untouched until the 1970's when it was restored. In 1976 the canal was designated a National Landmark and National Recreation Trail. Today, the canal serves as the premier recreational area in Bucks County. Offering serene views, abundant wildlife, and easy access. The canal has been utilized by the public and scouting for many years. The canal runs through part of Tinicum Park, please be sure to take advantage of this national treasure in our own backyard,

### **Hiking** Cub, Scout, Venturing

All Scout units are encouraged to plan and organize a hike along the canal towpath. The towpath offers easy hiking with very little elevation. It's very easy to knock out a 5 or 10 mile hike along the canal towpath. Scouts BSA troops and Venturing crews should plan a youth led hike. Cub Scouts should plan an adult led hike. Be sure to check out the guide to safe scouting when planning your hike!

### **Biking** Cub, Scout, Venturing

Units have the opportunity to plan on bike hikes along the towpath. The towpath offers very easy pedaling and you can cover many miles in no time. Bring your bikes and plan on hitting the towpath. Be sure to check out the guide to safe scouting when planning your bike hike!

### **Canoeing/Kayaking At the Canoe Outpost** cub, scout, venturing

Canoeing and Kayaking will be available at Giving Pond. Giving Pond is located 2.5 miles north along the towpath from Tinicum Park. It's a great opportunity to get some paddling in along with a 5 mile hike. Please follow directions to Giving Pond.

**All scouts/adults who wish to participate in canoeing/kayaking, must have successfully completed a BSA swimmers test since May 22, 2021. Unit leaders will identify those “swimmers” on the unit rosters they turn in at check in. Failure to follow directions by waterfront staff could mean immediate dismissal from canoeing/kayaking.**

Please Note: Program features in this leaders guide are subject to change or cancelled due to circumstances beyond the camporee staffs control. At the time of the preparation of this leaders guide there were still many programs/features under development. In addition, at the time of this guide being published there are other activities in the planning stages. Thank you for your understanding

## Space Exploration Merit Badge scout

You asked for it and we listened! Tohickon District is offering Space Exploration Merit Badge at Tohickon Space Ex 22! Here is how to register as there is limited space: Use your units sign in credentials on the council website.

(if you don't know your units credentials contact Michelle at the council office at [michelle.cathers@scouting.org](mailto:michelle.cathers@scouting.org) )

Build your roster of those scout attending Tohickon Space Ex 22

Then you will be able to register for the merit badge.

Then you should be able to go through the checkout process. There is a limit of 48 scouts to take the merit badge and once those spots are gone.....they're gone!

**Please be sure to check out the page in this leaders guide regarding important information including prerequisite requirements.**

## Fly Fishing Clinic cub, scout, venturing

Learn from the experts and learn the basics! Learn how to flycast and to “match the hatch” by tying your own fly! Space is limited and registration will be required on Friday night (for Saturday). This program is perfect for those scouts planning on Fly Fishing MB this year at summer camp.

## Chess Tournament cub, scout, venturing

Back by popular demand! Who's King or Queen of Tohickon District? We will find out! Enter the tournament or play just for fun.

Remember! Bring your chess boards and pieces.

## Pioneering Contest

Each unit can build a pioneering project at their campsite. The project should include skills that are in the Scout Handbook. Originality, craftsmanship, with a space theme will be judged. Judges will begin judging at 4:30 pm on Saturday.

## Rocketry

The Philadelphia Area Rocketry Club will be at Tohickon Space Ex 22. They will be displaying and shooting off high tech rockets - Be sure not to miss this!

## Shooting Sports cub, scout, venturing

One of the most popular activities is back again! Check out your marksmanship at the inflatable BB gun range. Safety is stressed but so is the fun!

## The Dessert Challenge All units

The tradition continues! Can anyone beat last year's winner (Troop 55G) Have your entries at the canal pavilion at 6:30 pm on Saturday. Put our judges to the test! (Store bought desserts will be disqualified from winning but still enjoyed by our judges)

## The District Campfire All units

Everyone is invited and everyone is welcome to join in. More details on how to be in the district campfire program will be discussed at the Friday Night Leaders Meeting.

## Star Labs (after dark) Cubs, Scouts, Venturing

Be sure to check out the telescopes that the Bux - Mont Astronomical Society will have on site. With a little help from mother nature, you will get an up close and personal view of the moon and maybe a few planets or stars.

## Orienteering Cubs, Scouts, Venturing

Bring your compasses and try out our competition style orienteering course. Try it for fun or enter the competition.

## Pa. Dept of Conservation & Natural Resources

Join a DCNR Ranger for a guided nature hike. Bring your binoculars and be on the lookout for wildlife.

Cub Scouts - Starting at 9am and will hold 4 - 30 minute hikes and a maximum of 15 participants per hike.

Scouts, Venturing - Starting at 1pm and will hold 2 - 40 minute hikes and a maximum of 15 participants.

## SWING

### About the Nova Awards Program

The Boy Scouts of America's STEM Nova Awards program incorporates learning with cool activities and exposure to science, technology, engineering, and mathematics (STEM) for Cub Scouts, Webelos Scouts, Scouts BSA, Sea Scouts, and Venturers. These activities and associated awards stimulate interest in STEM-related fields, and show how these subjects appear in everyday life and the world around us. Nova counselors and Supernova mentors help bring this engaging, contemporary, and fun program to life for youth members. There are awards designed for youth in the Cub Scout, Scouts BSA, and Sea Scouting/Venturing programs, and are optional in each program. Requirements must be completed while registered in the BSA in the appropriate program and subject to standard age limitations. We will be offering the Cub Scout Swing Nova program at this event. This module is designed to help you explore how engineering and simple machines called levers affect your life each day.

- There are 4 parts of the program that need to be completed to earn the Nova Award.
- 1 part will be required to be done prior to the event.
- Each Cub Scout will have to watch/read or combination of for 1 hour any science books concerning levers or simple machines and come up with two questions.
- The questions must be submitted via email to:  
[markkulo@gmail.com](mailto:markkulo@gmail.com)
- Subject line must include: "SWING", scout's name, rank, unit # and leader's name
- All other requirements will be completed during the session.
- We will be offering 2 sessions, AM and PM. 40 Cubs limit per session.
- More information can be found at:

- <https://www.scouting.org/stem-nova-awards/awards/>

## WCC Tohickon District

### Space Ex 22

# Space Exploration Merit Badge



Scouts will have the opportunity to complete the Space Exploration Merit Badge at the District Camporee this year. Each participant will receive a complete kit to build an Estes UP Aerospace Spaceloft rocket shown in the above image. The Scouts will build it with leaders providing instruction during a 2 hours session in either the morning or afternoon on Saturday. After supper, we will be conducting the launching of all the Scouts' rockets and the Scouts will be able to keep the rocket after recovering it to take it home with them for later uses. All supplies are included and the cost to participate in the merit badge is \$5.00. The skill level for this model rocket is appropriate for all age Scouts.

- Scouts will need to complete the following Merit Badge requirements prior to the Camporee:

## Requirement #2

Design a collector's card, with a picture on the front and information on the back, about your favorite space pioneer. Share your card and discuss four other space pioneers with your counselor.

Do two of the following

## Requirement # 5

- a. Discuss with your counselor a robotic space exploration mission and a historic crewed mission. Tell about each mission's major discoveries, its importance, and what was learned from it about the planets, moons, or regions of space explored.
- b. Using magazine photographs, news clippings, and electronic articles (such as from the Internet), make a scrapbook about a current planetary mission.
- c. Design a robotic mission to another planet, moon, comet, or asteroid that will return samples of its surface to Earth. Name the planet, moon, comet, or asteroid your spacecraft will visit. Show how your design will cope with the conditions of the environments of the planet, moon, comet, or asteroid

## Requirement # 7

Design an inhabited base located within our solar system, such as Titan, asteroids, or other locations that humans might want to explore in person. Make drawings or a model of your base. In your design, consider and plan for the following:

- a. Source of energy
- b. How it will be constructed
- c. Life-support system
- d. Purpose and function



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|--|---------------|--|---------------------|--|-------------|
|  | Group Camping |  | Picnic Areas        |  | Barn        |
|  | Camping       |  | Playground          |  | Maintenance |
|  | Pavilions     |  | Restroom            |  | Parking     |
|  | Ball Fields   |  | Restroom- Primitive |  | Polo Field  |

# TINICUM PARK

BUCKS COUNTY DEPARTMENT OF  
 PARKS AND RECREATION  
 903 River Rd  
 Upper Black Eddy, PA 18950  
 215-757-0571  
 parksandrecreation@co.bucks.pa.us



1 inch = 350 feet  
 Date: 5/6/2015