# ACADEMIC STEAM CAMPS

**Penn State Beaver is proud to offer academic youth camps that embrace STEAM in fun and educational ways through the incorporation of <u>S</u>cience, <u>T</u>echnology, <u>E</u>ngineering, <u>A</u>rts, and <u>M</u>ath. All camps will be conducted using <u>CDC guidelines</u> for social distancing and safety precautions.**

**Demigod's Quest Camp (age 7 to 13)\***
Could you have hero-potential? Immerse yourself in Greek mythology and fulfill your destiny silencing the constant hounding of mythological creatures.  Based on the famous "Percy Jackson & the Olympians®" novels\* campers will be sorted into the cabins of their parent-god: Athena, Artemis, Apollo, Ares, Poseidon, Hermes, Hephaestus or Hades and then transformed into demigods! Projects will include potion making, Greek mythology, war journalism, literature, and art.  Enjoy sports education with sword training, javelin throwing, Capture the Flag, and other activities!
Date: Monday–Friday, June 28-July 2, 2021•Time: 1:00 a.m.–5:00 p.m.•Cost: $175 (includes a T-shirt)
*\*Disclaimer: This event is not endorsed, sanctioned, or any other way supported, directly or indirectly, by Disney-Hyperion or Fox Entertainment.*

**Wizardry School (ages 8 to 15)\***
In this camp, based on J.K. Rowling's best-selling novels, campers will be sorted into the Houses of Gryffindor, Ravenclaw, Slytherin, or Hufflepuff. Dark arts, potions, and herbology are included activities. Learn how to play Quidditch the Penn State Beaver way! On the last day of camp, friends and family are invited to cheer campers on during the Quidditch Tournament as they vie for the coveted Quidditch Cup!
**Session I\***
Date: Monday–Friday•July 12–16, 2021•Time: 8:00 a.m.–12:00 p.m.•Cost: $175 (includes T-shirt)
**Session II\***
Date: Monday–Friday•July 12–16, 2021•Time: 1:00 p.m.–5:00 p.m.•Cost: $175 (includes T-shirt)
*\*Choose ONE of the sessions above.*
*\*Disclaimer: This event is not endorsed, sanctioned, or any other way supported, directly or indirectly, by Warner Bros. Entertainment, the Harry Potter book publishers, or J.K. Rowling and her representatives.*

**Robotics (ages 8 to 10)**
Campers will be introduced to the VEX Robotics System. Campers will create builds using the VEX IQ Super Kit and learn how to have their builds perform various tasks using the new VEXcode programming language. Campers will collaborate to solve various challenges and compete in camp competitions with their builds.
Date: Monday–Friday, July 19-23, 2021•Time: 9:00 a.m.–12:00 p.m.•Cost: $145 (includes T-shirt)

**Advanced Robotics (ages 11-14)**
Campers will create and program various builds using the VEX Robotics System and VEXcode, which is based off of C++. Students will learn how to perform both radio control and autonomous control of the VEX Robotics System through activities, programming challenges, and competitive games.
Date: Monday–Friday, July 19-23, 2021•Time: 1:00 a.m.–4:00 p.m.•Cost: $145 (includes T-shirt)

**Superheroes Camp (ages 6-10)\***
Discover what it takes to be a hero by exploring popular comic book characters and real life heroes. Create your own character who will embark on a secret mission to complete their superhero training. Develop a strong mind and body while engaging in STEM brain breaks and physical training inspired by the likes of X-Men's Storm, Iron Man, Wonder Woman, and Spiderman!
Date: Monday–Friday, August 9–13, 2021•Times: 1:00 p.m.–4:00 p.m.•Cost: $145 (includes T-shirt)
*\*Disclaimer: This event is not endorsed, sanctioned, or any other way supported, directly or indirectly, by DC or Marvel Comics.*

**Coding Camp (ages 7-10)**
Acquire basic programming skills, create computer programs with loops and events, and write algorithms for everyday tasks. Using code.org students will learn to collaborate with others in meaningful ways to investigate different problem-solving techniques; persist in the face of difficult tasks; and learn about internet safety. This camp also teaches important critical thinking skills necessary to gain a better understanding of computer science.
Date: Monday–Friday, August 2–6, 2021•Time: 9:00 a.m.–12:00 p.m.•Cost: $145 (includes T-shirt)

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**Advanced Coding Camp (Ages 11-15)**
Campers learn to create computer programs that will help them learn to collaborate with others, develop problem-solving skills, and persist through difficult tasks. They will study programming concepts, computational thinking, digital citizenship, and develop interactive games or stories they can share. Foundational concepts of programming using drag and drop blocks will be introduced.
Date: Monday– August 2–6, 2021•Time: 1:00 p.m.–4:00 p.m.•Cost: $145 (includes T-shirt)

# SPORTS CAMPS

**For years, Penn State Beaver has hosted thousands of children who learn about teamwork, competition, fitness and gain/improve technical sports skills and self-confidence from Penn State Beaver's athletes. All camps will be conducted using CDC guidelines for social distancing and safety precautions.**

**Boys' Basketball Camp (age 8 to 14)**
This camp will teach the fundamental skills needed to be a successful basketball player. Shooting, dribbling, passing, defense, team defense, and rebounding will be covered. Please bring a bagged lunch.
Date: Monday–Thursday, July 5–8, 2021•Time: 11:00 a.m.–3:00 p.m.•Cost: $149 (includes T-shirt)

**Girls' Basketball Camp (age 8 to 14)**
This camp will teach the fundamental skills needed to be a successful basketball player. Shooting, dribbling, passing, defense, team defense, and rebounding will all be covered. Please bring a
bagged lunch.
Date: Monday–Thursday, July 12-15, 2021•Time: 11:00 a.m.–3:00 p.m.•Cost: $149 (includes T-shirt)

**Soccer Camp (age 8 to 14)**
This coed camp is designed to improve the campers' skills in all areas of the game. Shooting, passing, dribbling, and defense are just a few of the skills that will be covered.
Monday-Thursday, July 19-22 •Ages: 8-14•5:00 p.m.–8:00 p.m.•Cost: $129

**High School Soccer Camp (age 14 to 17)**
This coed camp is designed to improve the campers' skills in all areas of the game. Shooting, passing, dribbling, and defense are just a few of the skills that will be covered.
Date: Monday-Thursday, July 19-22 •5:00 p.m.–8:00 p.m.•Cost: $129

**High School Volleyball Camp (age 14 to 17)**
This camp is designed for experienced players. All aspects of the game will be covered each morning through drills. Each afternoon will be filled with competitive games and drills. This is not a camp for beginners Please bring a bagged lunch.
Date: Monday–Thursday, July 26–29, 2021•Time: 11:00 a.m.–3:00 p.m.•Cost: $149 (includes T-shirt)

**Softball Camp (age 8 to 14)**
Softball camp is designed to improve campers' skills in all facets of the game. Hitting, defensive skills, base running, defensive strategies, and bunting will all be covered. Please bring a bagged lunch.
Date: Monday–Thursday, August 2-5, 2021•Time: 11:00 a.m.–3:00 p.m.•Cost: $149 (includes T-shirt)

**Baseball Camp (age 8 to 14)**
This camp will teach the fundamental skills needed to be a successful baseball player. Hitting, bunting, defensive skills, base running, and game management will be covered. Please bring a bagged lunch.
Date: Monday–Thursday, August 2-5, 2021•Time: 11:00 a.m.–3:00 p.m.•Cost: $149 (includes T-shirt)

**Volleyball Camp (age 8 to 13)**
All aspects of being a successful volleyball player will be covered, including the fundamentals of setting, passing, and defense. Games will also be played daily. Please bring a bagged lunch.
Date: Monday–Thursday, August 9–12, 2021•Time: 11:00 a.m.–3:00 p.m.•Cost: $149 (includes T-shirt)