



HERSHEYPARK[®]

Physics Day - May 19, 2023

Sponsored by



Lebanon Valley College

Activity 1: Quiz Show Competition with Whitaker Center

Location: Historic Hersheypark[®] Arena

Time: 10 AM

Whitaker Center for the Science and the Arts is proud to collaborate with Hersheypark[®] and offer a Physics Day Trivia Event! This event will allow teams of students from every participating school to be the first to answer questions. Points will be awarded based on the difficulty of the question. Come prepared to do some math! A formula sheet will be provided.

How It Works: Two students from each school will participate in the Physics Quiz Show and will answer questions on stage. Many questions will be math based and we recommend that the students participating bring a calculator. Paper, pens, and formula sheets will be provided. When the student solves the problem and believes they have the correct answer, they will "buzz" in. Points will be awarded based on the difficulty of the question. The winning school will get a prize for all students from their school in attendance at the Quiz Show. Students not answering the questions can cheer on their classmates from the seating area. School groups will be assigned to seating sections so they may sit together. Space is limited.

[Quiz Show Registration Form](#)



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Activity 2: Scavenger Hunt

Starting Location: Carrousel inside *Hershey's ChocolateTown*[®] region

Time: Self Guided

Participate in our self guided QR code scavenger hunt to learn more about how force, energy, mass and more bring the thrill to our roller coasters.

How it works:

Students will use their phones to scan the first QR Code located at the Carrousel to start their tour of *Hersheypark*. After each question is answered, the students will be provided a hint to the location of the next sign.

Please note, each sign will have a unique 4 digit code that the students will use to gain access to the next question. The questions will need to be answered in the correct order, and once all questions have been answered there will be a confirmation page for the students to screenshot and submit for proof of completion.

Activity 3: Front Row Classroom Videos

Prior to your visit to *Hersheypark*, we encourage classes to utilize the interactive Front Row Classroom videos as a learning tool outlining the principles of physics for your students to measure how force, energy, and mass keep our attractions running. During your visit, the students will be able to apply their learnings by riding the attractions. Scan the QR code to view the video playlist.



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