



WHEN: (Rain or Shine)

Tues. Jan. 8, 2019
Program Time: TBD

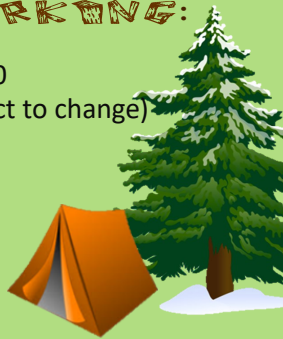
COST:

\$95 Student Y.E.S. + One Park.
\$140 Student Y.E.S. + Hopper
\$92 Child Y.E.S. + One Park
\$137 Child Y.E.S. + Hopper
\$92 Child No program; 1 park
\$137 Child Hopper No program
\$92 Adult Y.E.S. + One Park
\$137 Adult Y.E.S. + Hopper
\$92 Adult No program; 1 park
\$137 Adult Hopper No program

* One Park = Park the program takes place. (California Adventure; Subject to change).

PARKING:

\$ 21.00
(Subject to change)



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Disney's Energy and Waves Physics 201

(Please read in its entirety) GRADES 7TH—12TH



REGISTRATION OPENS: October 5, 2018

REGISTRATION CLOSES: November 14, 2018 by 5:00 p.m.

NO late registrations or refunds will be processed after this date. **NO EXCEPTIONS**

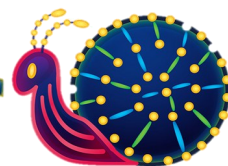
- ◆ **NOTE:** If you have multiple Homeschool students, each Homeschool student must use their own designated Instructional Fund account to register for field trips. Any duplicate orders for the same field trip on one student's account will not be allowed.

SPECIAL GUIDELINES:

- ◆ No use of membership passes can be used to participate on the program tour •Open to 7th–12th.
Strictly enforced. Students cannot use instructional funds if not participating on the program.
- ◆ **Due to the structure of the program, chaperon participation will be limited; no more than one adult per family.** Additional adult guests purchasing tickets are encouraged to enjoy the park until the program is over. No small children or strollers on program.
Space is limited. Please check both purchasing options for ticket availability prior to registering.

Program Information

Witness physics principles at work in creating true-to-form Disney attractions. With hands-on experiments and demonstrations, students come to understand the fundamentals of acoustics and optics, in addition to the different mediums that affect the transmission of light and sound waves during this 3-hour field study.



KEY LEARNING POINTS

During this interactive field study, students will:

- Design a Disney attraction concept
- Define and demonstrate wavelengths, frequency, and speed
- Articulate what binaural hearing is
- Describe a compression wave and its medium
- Discuss acoustics
- Describe different applications of magnetism
- Articulate the relationship between color and wavelength
- Demonstrate how light can be affected by objects like mirrors, prisms, and lenses
- Articulate the relationship between electricity and magnetism
- Distinguish the difference between permanent magnets and electromagnets
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All programs subject to availability. Program content, times, attractions and locations subject to change due to inclement weather, availability or group dynamics.