



# THE PHYSICS EXPERIENCE

## **Help your students better understand the physics in the world around them!**

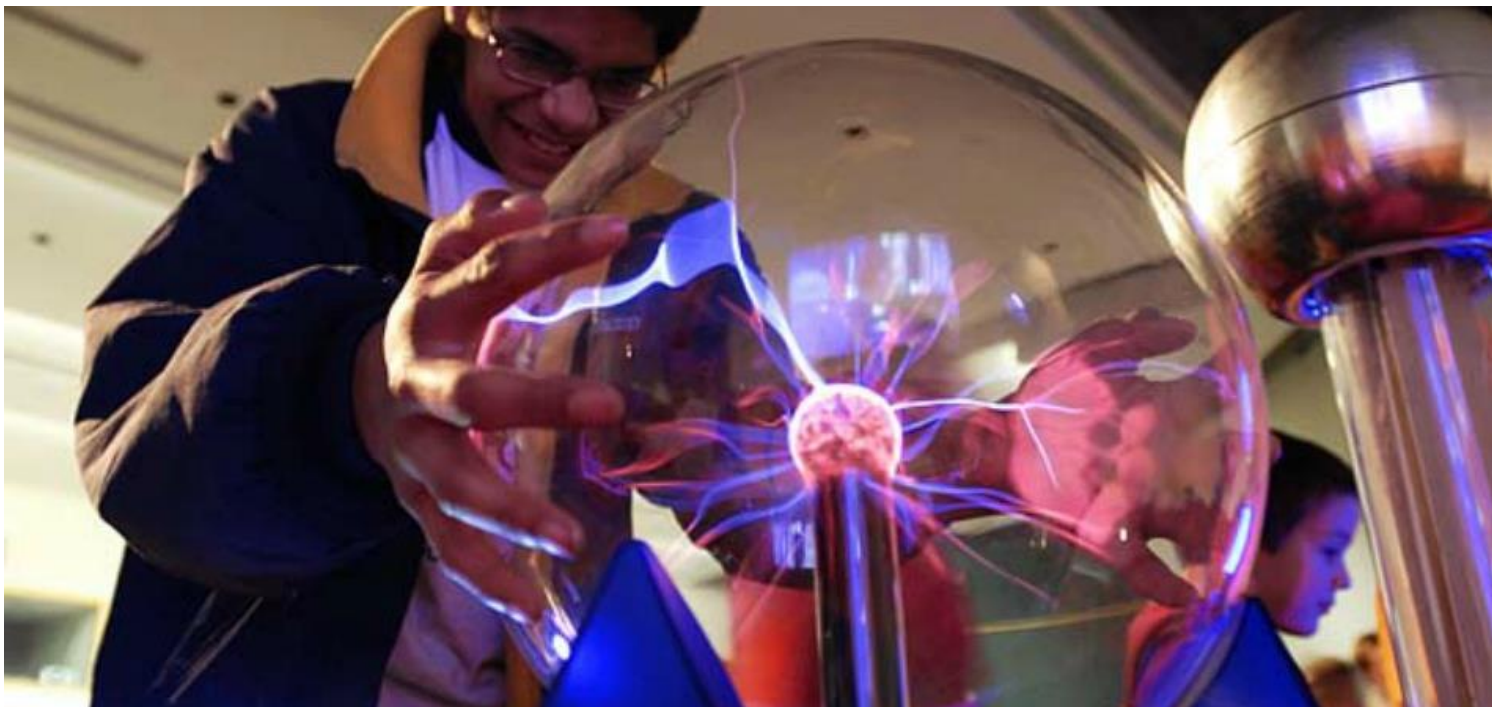
Physics is the study of how things move and exchange energy. The Physics Experience is a fast-paced and engaging assembly, filled with demonstrations that help youth better understand the physics in the world around them! Topics include Newton's Laws, Energy, Heat, Light, Magnetism, Lenz' Law, Electricity, why understanding physics is important, and more

## **Lets children learn while having fun at the same time!**

The Physics Experience is great for any age group. Each performance of The Physics Experience includes entertaining and educational demonstrations of motion, heat, light, sound, electricity, magnetism, modern physics and plasma.

## **Inspire, educate, and entertain your students!**

Some of the demonstrations include: air cannon, hovercraft, atom dance, liquid nitrogen cannon, lighting match, laser painting, ring launcher, and others! Your students will not only learn more about a number of physics concepts, they will also learn why understanding physics is so important!



**Audience:** K-12 **Capacity:** 400

**Presentation Time:** 60 minutes (can modify for 45 to 75 minutes)  
is clear and empty of classes during set-up time.

**Set-Up Time:** 1 hour. Pleasure ensure performance space

**Take-Down Time:** 45 minutes

**Presentation Area:** Performance space can be stage or floor- level; floor level is preferred. If floor level, please seat students on floor and not in chairs. Higher ceiling for air cannon and hard, smooth floor needed for hovercraft demonstrations. Some demonstrations also work better in the dark. Please shade windows and ensure lights can be turned off/on easily.

**Assembly Requirements:** Please set-up three (3) 6 to 8 ft. tables in presentation area prior to arrival. Please provide access to an electrical outlet. May be asked to use sound system, depending on quality and location. Please provide parking for a car with trailer for load-in/out and the duration of the show at no cost. If your building is handicap accessible, equipment cart will fit. If ramp or elevators are not available; assistance moving equipment cart in and out will be required.