

DISNEY Y.E.S. PROGRAM DESCRIPTION



“SYNERGY IN SCIENCE”

PHYSICAL SCIENCE

Grade Levels:
1st-5th

Program Length:
2 hours

Meeting Location:

(Morning) Outside *Epcot*® Main Entrance, near the Guest Relations Window.

(Afternoon) Inside *Epcot*®, at the *Innoventions* Tip Board located in *Innoventions Plaza*.

OBJECTIVE

Understand how synergy is the integration of a variety of elements: Individuals and technology connecting, communicating, and collaborating together ensures that the whole is greater than the sum of the parts.

KEY LEARNING HIGHLIGHTS

3-D Technology

Students view the state-of-the-art 3-D show, *Honey I Shrunk the Audience*, and engage in insightful discussions about the physics of polarized light, optical technologies, and cinematic equipment needed to create 3-D effects.

- Using props, students discover how 3-D images are created.
- Hands-on activities provide an understanding of light polarization technology and its “real world” applications.

Connect, Communicate, and Collaborate

- A hands-on activity with pentominoes (a geometric puzzle) helps illustrate the advantages of connecting, communicating, and collaborating to solve problems.
- Using the Internet Postcard, students discover how technology allows us to connect, communicate and collaborate.

Journey Into Your Imagination

- Students uncover the ways the power of imagination opens the doors of possibility and lets us see familiar things in a new light.

THE DISNEY DIFFERENCE

- Trained and knowledgeable *Disney Institute* Cast Members facilitate this high quality and educationally sound program, while never forgetting that fun is a vital part of learning.

