Field Trips

Field trips are recommended for children age 7 or older.

Overview:

The Virtual Reality Center provides cutting edge research performed by students and staff at Rowan University in the area of 3D graphics, visualization, simulation and virtual reality. The Center features multiple immersive VR systems, including a new 7-foot-high by 40-foot-wide curved wall of screens that provides a 3D, immersive environment for collaborative projects. The center also includes a research & development lab, a data wall for programming and design development, Oculus Rift, a 3D printer and prototyping capabilities. The Virtual Reality Center is home to extensive research for government, business and non-profit organizations.

During your field trip, you will tour the facility, speak with staff and students, learn about virtual reality, see what we do in the lab and experience our simulations.

Price:

$10 per student

Payment must be made ahead of time to reserve your spot.

Agenda:

Students will be split into multiple groups and move between multiple areas in 20-30 minute intervals. Locations include:

1. 10 minute tour of 3D Printing
2. 10 minute tour of C4 CAVE systems
3. 10 minute tour of Data Wall and Oculus Rift
4. 30 minutes of demonstrations in the C10
5. 30-60 minutes of lecture from a VR Center employee about VR and how things are made
Simulations in C10 (Choose 3):

- Medical Viewer
- Hurricane in LBI Simulation
- Urban Planning: Health Science Campus
- Floodwater Remediation Simulation
- NASA Rocket Engine Simulation
- Monarch Butterfly Life Cycle Simulation
- Dinosaur Simulation
- The Rite (A video game made by The VR Center)

Research and Development Room

- Learn about 3D printing
- Learn about the Oculus Rift
- Learn about our Data Wall
- Learn about the 4-sided system
- Learn about current research projects in our lab

Classroom Discussion (Choose 1)

TOPIC 1 - The Future of Virtual Reality
TOPIC 2 – Create a Virtual Reality Project
TOPIC 3 - Making Virtual Reality a Career
TOPIC 4 – Custom Discussion: We can also work with you to customize your discussion
Payments:

- Payment must be made ahead of time to reserve your spot
- Make check out to “Rowan Virtual Reality Lab”
- Mail checks to:
  
  Attention: Janine Papasso
  
  107 Gilbreth Pkwy, Mullica Hill, NJ
  
  08062

Contact:

Janine Papasso

Papasso@rowan.edu

(856) 256 – 5778

www.rowan.edu/vrcenter

Instagram: @rowan_vr_center

Facebook: The Virtual Reality Center at Rowan University