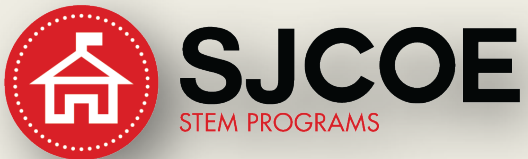


DIGITARIUM TRAINING

October 2017



Safety for Today

- Restrooms
- Use 911
- Evacuation
 - *Exit*
 - *Meet across street under solar parking spots*
- Intruder
 - *Shelter in place*
 - *Leave in opposite direction*



Introductions & Your Objectives

- Name
- School site
- Grade level
- What are your current plans for using the lab?



PREPARATION:

- The Digitarium is reserved on a first come first serve basis, be sure to book early each year!
- Plan what you will do.
 - *Use “Sky Tonight” Outline with remote control*
 - *Use one or more videos built into the internal drive*
 - *Devise your own outline with the remote control*
- Plan who will operate the Digitarium. Remember only teachers/volunteers trained by our office are allowed to operate this equipment.
- Plan for space: The domes takes up an area of 16’ x 20’ with a 16” diameter. The dome is 10.5” high. The space within the dome can comfortably seat 20 adults or 30 students.



RULES FOR STUDENTS:

- Lean forward while sitting in the Lab. Don't lean back and rest on the dome, it is not strong enough and will tear.
- Pockets must be empty. Sharp objects such as combs, pencils, toys, or keys will puncture the dome.
- Everyone gets 2-3 minutes to whisper with a neighbor, silence on my signal.
- Warn the students that it will get darker, that screaming is not permitted.
- Keep your hands to yourself.
- The classroom teacher helps students enter while I'm inside directing traffic and keeping students away from the projector.
- Classroom teacher exits dome first. You're between the door and the projector to direct traffic. Always protect the projector.



SUGGESTED TIME FRAMES:

- Grades K-2 spend 10-15 minutes in the lab
- Grades 3-6 spend 20-30 minutes in the lab
- Grades 7-12 spend 30-45 minutes in the lab



PICK UP:

- Fridays **between 3:30 – 4:30pm** at the STEM Programs Office, Wentworth Education Center.
- Keep in mind that the Digitalarium has some large components and you will need a vehicle with space.
- Upon receiving the equipment, please check to make sure you have all the equipment in each container.
- If any equipment is missing or broken, call the STEM Programs office immediately at 468-4800.



PACKING UP:

- In the rush to pack up?
 - *Please remember to carefully pack up all equipment correctly.*
- **You are responsible for any missing items. Be sure to double check and make sure all items are returned in working order!**
- You have been trained, so you should pack up all the equipment; please do not make this the responsibility of the janitor.



DROPPING OFF:

- **Fridays by NOON or earlier.**
 - *Other schools will be picking it up after you.*



Technical Support

- During School hours
 - *Digitalis 1-360-616-8915*
 - *Call them first!*



EQUIPMENT

- Basics of Equipment and Binder
 - *Case*
- Binder and other miscellaneous supplies
- Remotes
 - *Dome with poles*
 - *Fan with extension cords*
 - *Projector and CPU (one unit)*



SET UP

- LOOK in the BINDER
- Basics
- How long does it take?
- Focusing lens and fixing the horizon



BASIC REMOTE CONTROL FUNCTIONS

- Atmosphere and Landscape
- Moving forward in time
- Reset to current date
- Night Sky Outlines



VIEWING DVD's and PHOTOS

- Media
- Tips preview in your classroom
- How to get full dome (Trouble shooting)



Adjusting the Sky

■ Wrench: Lat and Long

- 1 – *Set location: the longitude and latitude is already per set for our area, but but can be set to other parts of the world*
- 2 –
- 3 –
- 4 – *Stars*
- 4.5 *Limiting Magnitude*

■ 6.5 magnitude is a perfectly dark sky

■ 3.5 magnitude is a city sky (a good setting for younger children)



TAKE DOWN

- Basics
 - *Look in Binder*
- How long does it take?



■ Questions?

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