

DOMES NOTES

SET UP

Check your site

Unroll your dome

Attach fan

Insert stay-flate pole

Inflate

Adjust airflow

Entry and exit

TAKE DOWN

Turn off and DISCONNECT the fan

Flip the dome

Remove stay-flate pole

Arrange dome

Roll dome

Secure with straps and drawstring bag

DIGITARIUM NOTES

SET UP

Remove Digitarium from case, place lens under zenith

Place remotes, cords, etc. on white binder

Raise frame

Remove lens cap and place it under projector on the frame

Plug in the power cords

Plug in XBOX dongle and speakers (optional)

Check connections

Power on projector and computer

Center and Focus lens

TURNING OFF SYSTEM

Shutdown computer through settings (iPad settings or remote Settings  8.3)

Turn off projector

LET PROJECTOR COOL!! (projector light turns red again when ready)

Replace lens cap

Lower frame and pack away

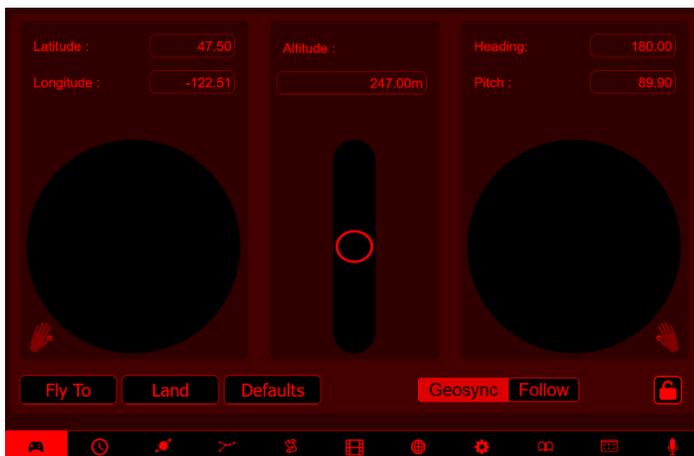
UNIVERSAL CONSOLE ON THE iPad

After the computer is turned on you can control it by turning on the iPad and selecting “Universal Console” from the home screen.

Make sure your iPad is connected to the Digitalarium wifi “Digitalarium-****”

Navigation Page

This page controls your position while navigating and observing.



The bottom of the navigation page. (Geosync: stay anchored to a position over a rotating object. Follow: Object rotates freely relative to you.)

Date and Time Page



Calendar: Days with respect to the Sun's position in the sky.

Sidereal: Days with respect to stars position in the sky.

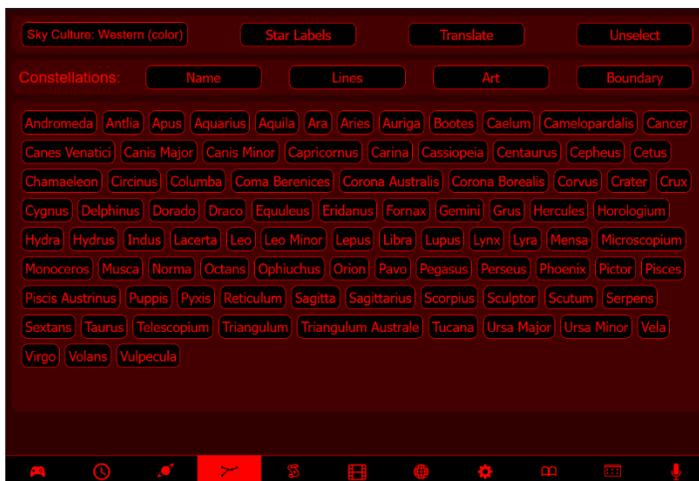
Objects Page



When the “Fly To” has been selected a “>” will appear between the date and time, and anchored object information on the dome.

When “Landing has been selected a “>>” will appear between the date and time, and anchored object information on the dome

Constellations page



To perform an action (names, lines, etc) for all of the constellations, just select that action. To do it to only one or a few constellations, select the constellations before your action.

Sky Culture: Arab, Aymara, Aztec, Belarusian, Boorong, Chinese, Dakota/Lakota/Nakota, Egyptian, Hindu, Inca, Inuit, Kamilaroi/Euahlayi,

Korean, Lakota, Lokono, Macedonian, Maori, Mongolian, Navajo, Nazca, Norse, Ojibwe, Polynesia, Romanian, Sami, Sardinian, Siberian, Tongan, Tukano, Tupi-Guarani, Western

Media Page



Put your own pictures and video on a USB drive, insert into the computer and hit “Refresh!”

Your drive should show up in the left menu as a selectable thing. The circle in the center is a flat representation of the dome. The red box shows where your picture will be shown on the dome and allows you to change and size that to your liking.

New slot: adds a new red box so you can show multiple things at once

Fulldome: fills the whole dome with the image or video (best used with fisheye images)

Mirror: mirrors the image on opposite sides of the dome for easier audience viewing

References Page



Turn on and off special information like coordinate line, cardinal points, object info, or visual things like landscape, atmosphere, shadow volume.

Settings Page



This page allows you to tweak certain settings about how some visual aspects are presented.

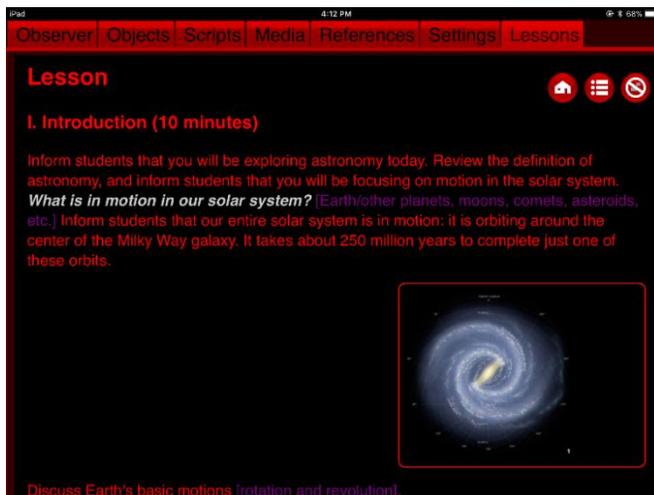
Effects Settings: Core Density, Halo Density, Limiting Magnitude, Maximum Magnitude to Label, Show Stars, Twinkling

Stars Settings: Atmosphere Sun Bloom, Cursor Timeout, Flight Duration, Focal Point Altitude, Focal Point Azimuth, Light Pollution Limiting Magnitude, Line Width, Manual Zoom, Maximum Body Magnitude Label, Milky Way Density, Zoom Duration

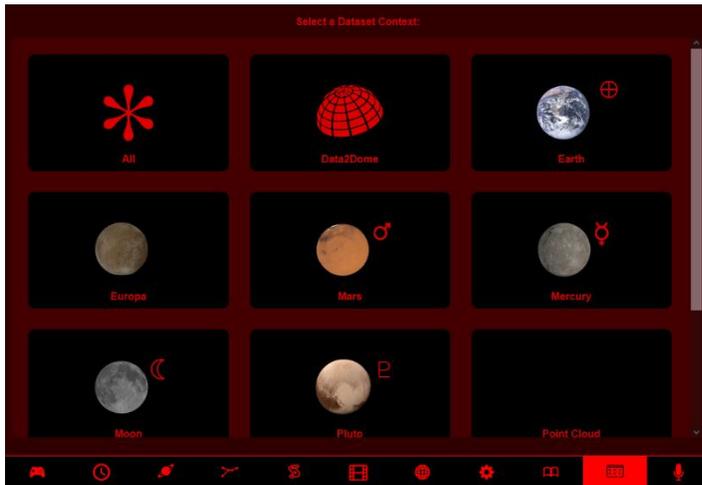
Lessons Page



There are some lessons that can be used with your class or can help offer you ideas for what to do for a lesson in the Digitalarium. They come with suggestions for talking points, images to go along with the topic, and scripted actions and movements to help teach a concept.



Data Sets Page



This data will be the most up to date since the last time the system has been updated and is viewable on the surface of the planet the data is for.

Earth: Air, Human Impact, Land, Life, Magnetism, Plate Tectonics, Snow and Ice, Water, Weather

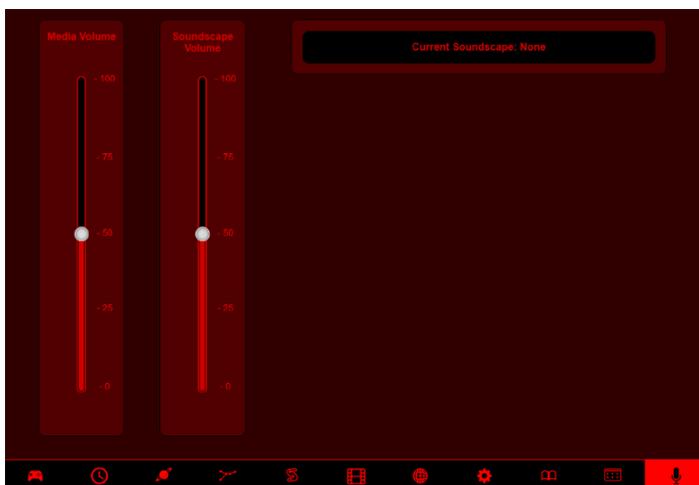
Mars: Magnetic map, Orbiter laser altimeter false color

Mercury: MESSENGER MDIS DEM global color shaded relief, topography

Moon: Lunar Reconnaissance Orbiter Laser Altimeter

Sky: CMB in all sorts of wavelengths

Audio Page



MORE INFORMATION

More information about the Digitalium can be found on Region 8's website, www.r8esc.k12.in.us, under "Educational Resources" where there is a scheduling calendar and contact information, the manuals, and some lessons plans for extra information and resources.

Scheduling

You can send an email to shamrick@r8esc.k12.in.us to schedule the Digitalium for up to 2 weeks (consecutively or not) at your school.

- Check the calendar to check for available dates before scheduling.
- The Digitaliums are typically delivered and picked up on a Friday.

Lesson Help

If you need help coming up with a lesson or have an idea for a lesson and need help figuring out how to implement it in the Digitalium, you can contact me at shamrick@r8esc.k12.in.us and I will do my best to assist you.

Technical Help

RTFM (Read The Flip Manual)

If you run into technical problems, first refer to the flip manual that should be with each Digitalium. The manuals are VERY detailed, and likely to have the answer you seek.

If it is a problem that needs addressed that you cannot resolve with the help of the manual, then it is best to contact Digitalis support

Email: Support@DigitalisEducation.com

Phone: (360) 616-8915

Monday - Friday 7:30 am-4pm PST (10:30 am-7 pm EST)