SOS FIELD TRIP CURRICULUM

Science on a Sphere Workshop • 2017

JAMES E. RICHMOND SCIENCE CENTER • Charles county public schools • Waldorf, Maryland

Patrick Rowley, science on a sphere facilitator
Monique Wilson, director
Our mission

The James E. Richmond Science Center’s mission is to inspire and stimulate an appreciation of science and its interrelationship with all other disciplines. We exist to serve and enrich the entire student population of Charles County Public Schools as well as the greater Southern Maryland community. We accomplish our goals by creating exciting and memorable experiences that are multi-disciplinary in focus and incorporate our hands-on Discovery Labs, NOAA Science on a Sphere content, and our Digital Dome Planetarium Classroom.
Our SCIENCE CENTER
FEATURING ...

DIGITAL DOME
PLANETARIUM/CLASS
ROOM
60’ Diameter
Digistar 5
180 Seats

NOAA SCIENCE
ON A SPHERE
30+ Seats
Centerpiece
Room-darkening blinds

DISCOVERY
LABS
Flexible Spaces
Inquiry Activities

SCIENCE
GALLERY
Exploration Stations
Interactive Exhibits
Gift Shop

SATELLITES
SOLRAD HI
Vanguard I
Our FIELD TRIPS
Our FIELD TRIPS

SOS

DOME

LAB
Our FIELD TRIPS
Puzzle pieces

CCPS Curriculum
By Grade Level

Fit into Calendar
Based on Curriculum...

…and other Field Trips

Brainstorm
“Inspiration” Program

Develop programs around
“Inspiration”

Develop Pre & Post Activities

Communicate with Schools

Schedule Transportation

Execute Field Trips!
OUR FIELD TRIPS

PRE-K THROUGH 12 + community

UNIQUE TRIPS / GRADE LEVEL

MOST HAVE 3 COMPONENTS

SCHEDULED AROUND CONTENT + CURRICULUM
5th GRADE
Our Goldilocks Planet

GRADE K
Weather & Seasons
featuring Sunny & Friends

2nd Grade
Earth: Yesterday And Today

4th Grade
Panda Habitats

6th Grade
Weather Forecasting
Featuring Fronts & Forecasts: Local Edition

PRE-K
Africa’s Biomes
LEISURE CLUB
Group Visit

2nd GRADE
Polar Regions + Geography

PRE-K
Solar System

4th Grade
Panda Habitats

6th Grade
Weather Forecasting
Featuring Fronts & Forecasts: Local Edition

10th Grade
Global Health
Thank you

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