



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

About us

James e. Richmond science center



SUMMER 2014 | **ST. CHARLES
HIGH SCHOOL**



>25,000 STUDENTS | **FIELD TRIPS**



OPEN TO PUBLIC |
PLANETARIUM





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.

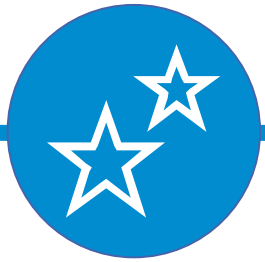


ST. CHARLES HIGH SCHOOL
JAMES E. RICHMOND SCIENCE
CENTER



Our SCIENCE CENTER

FEATURING ...



DIGITAL DOME
PLANETARIUM/CLASS

ROOM
60' Diameter
Digistar 5
180 Seats



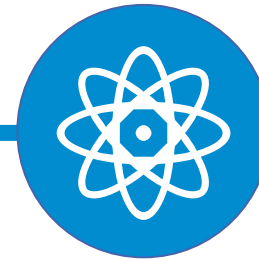
NOAA SCIENCE
ON A SPHERE

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 SOS





FIELD TRIPS



SOS



DOME



LAB

Our FIELD TRIPS



SOS



DOME



LAB

Our **FIELD TRIPS**



SOS



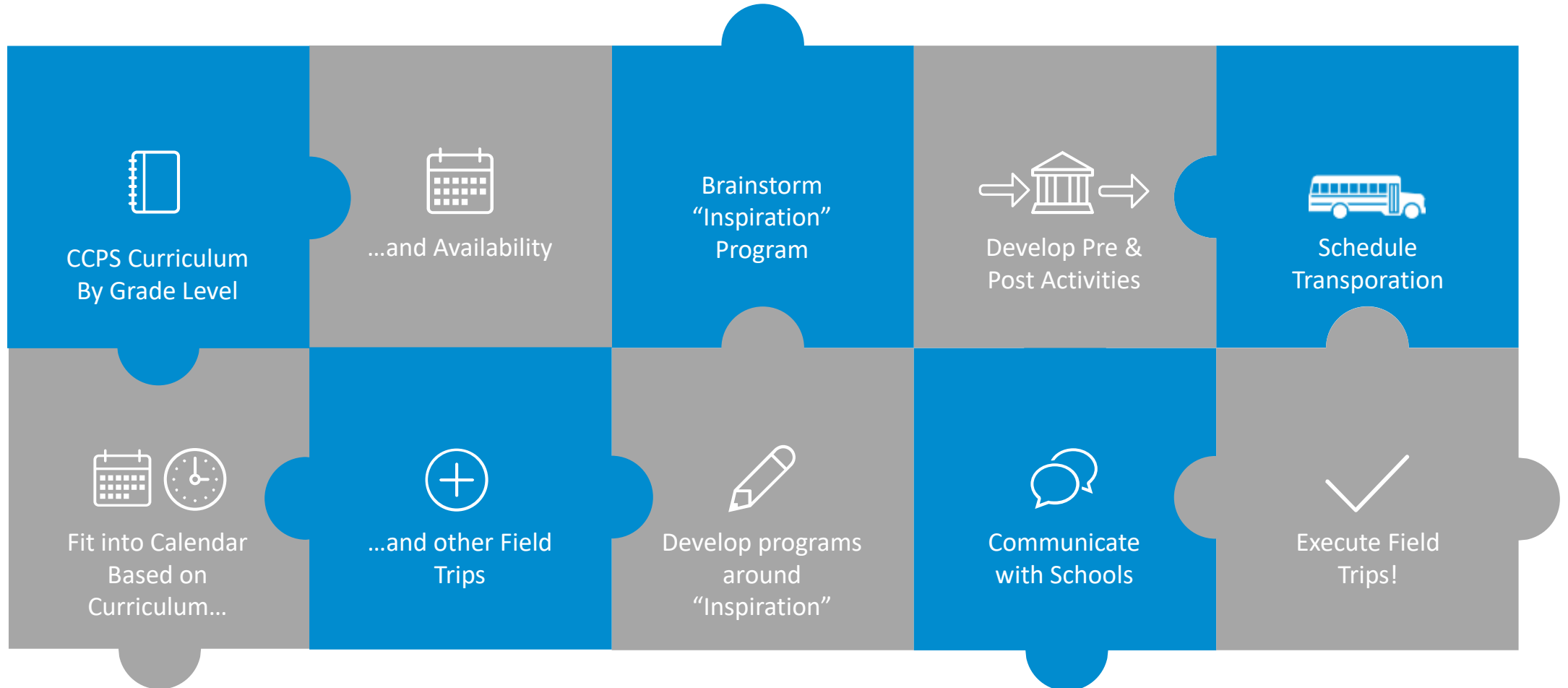
DOME



LAB

Our **FIELD TRIPS**

Puzzle pieces





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



2nd Grade
Earth: Yesterday
And Today



4th Grade
Panda Habitats



Grade K
Weather & Seasons
featuring
Sunny & Friends



6th grade
Weather Forecasting
Featuring
*Fronts & Forecasts:
Local Edition*



PRE-K
Africa's Biomes



LEISURE CLUB

Group Visit

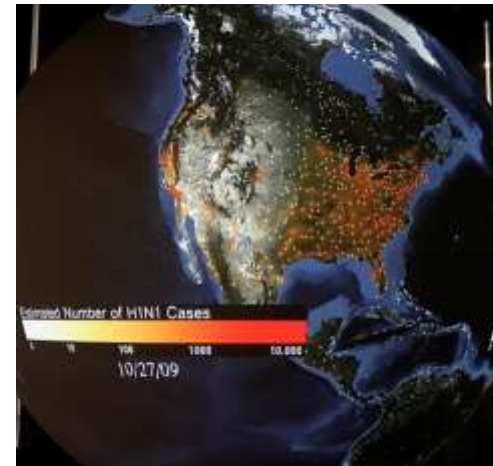


PRE-K
Solar System



2nd GRADE

Polar Regions
+
Geography



10th Grade
Global Health





Thank you

Patrick Rowley

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