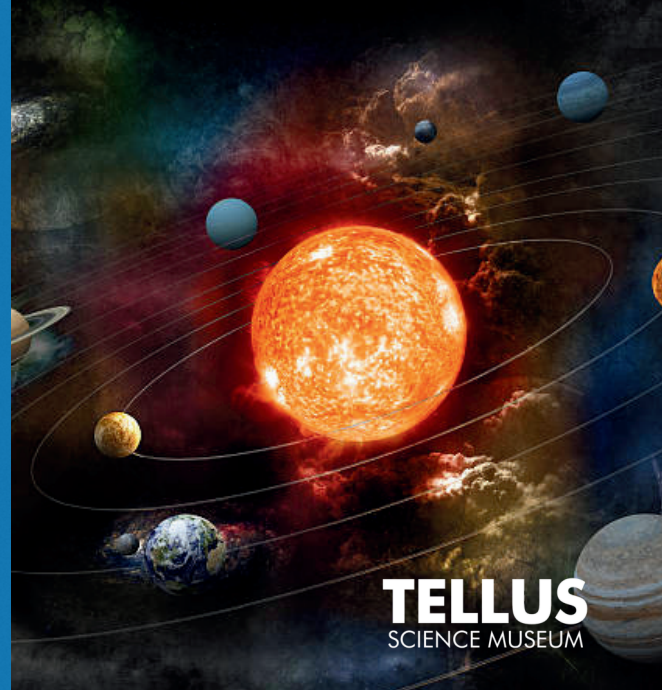


# EXPLORING THE SOLAR SYSTEM

GEORGIA STANDARDS OF EXCELLENCE:  
S4E1d and S4E2a; S6E1c and S6E2c

TENNESSEE ACADEMIC STANDARDS:  
3.ESS1, 5.ESS1

## 4th and 6th Grades



## DESCRIPTION

In the lab, students will participate in an activity to explore the different planets in the solar system. Students will learn the order of the planets. Exploration will include different methods used to determine the kinds of planets in our solar system.

### FIELD TRIP - APPROXIMATELY 2 HOURS

#### 30 MINUTES - PLANETARIUM SHOW

#### 30 MINUTES - LAB

- Compare and contrast the planets in our solar system
- Discuss surface and atmospheric features of the planets

#### 30 MINUTES - STORE

#### 30 MINUTES - GALLERY TIME

- Explore the Solar System Trail (weather permitting)
- Model planet distances (inclement weather plan)

#### TAKE HOME ITEMS

- Space slap bracelet

### VIRTUAL FIELD TRIP - APPROXIMATELY 1 HOUR

#### 30 MINUTES - VIRTUAL CLASS

- Explore what a star is and why they look the way they do
- Learn about constellations
- Investigate shadows

#### 30 MINUTES - Q + A SESSION

- Solar System vs. Galaxy

#### CURRICULUM PACKET

- Vocabulary Crossword + Word Search
- Star Finder and Instructions
- Create a Constellation Worksheet
- Pre-recorded Video