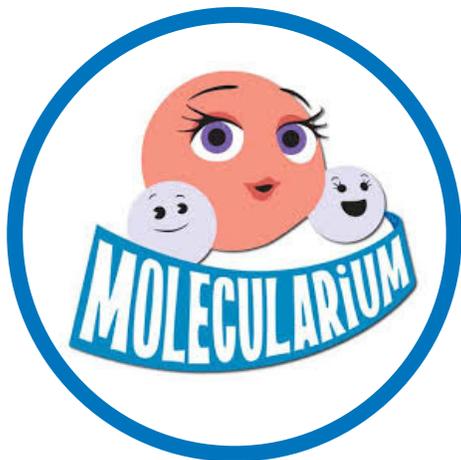


2ND

Second Grade



Second Grade Explorations

An exciting day of learning awaits your students as they explore multiple immersive lessons! Besides taking part in two different 45-minute learning lab pairings of your choosing, students will also experience an engaging planetarium presentation of your choice. 9:30am - 1:05pm

Choose one of the following two planetarium experiences:

Exploring the Weather

Zula Patrol: Under the Weather

Based on the acclaimed NBC Saturday Morning TV Series, this engaging experience takes students on a journey through the galaxy with the Zula Patrol on an expedition collecting samples of weather. Also included in this experience is a 10 minute sky talk focused on major constellations and Native American folktales related to them. **Science Standards: 2.E.2A.1, Social Studies 2-4.4**

or

Exploring States of Matter

The Molecularium: Riding Snowflakes

Molecularium is a magical, musical adventure in a world of atoms and molecules. Students will join the cast of atomic characters on an unforgettable adventure into the nanoscale universe as they explore the transformation of matter, explore the water cycle and discover that everything is made of atoms and molecules in this action packed adventure. Also included in this experience is a 10 minute sky talk focused on major constellations and Native American folktales related to them. **Science Standards: 2.P.3A.1, Social Studies 2-4.4**

In addition, classes will experience **“The Weather”** and **a live sky talk.**

and

Continued on next page.



Roper Mountain
Science Center

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Second Grade



Continued from previous page.

Along with the planetarium show, choose one of the following two options:

Option A

Nature Quest/Awesome Amphibians

It takes cooperation to survive! Students will enjoy a guided nature walk with a naturalist to discover how the animals and plants in their environment rely upon each other as a source of nutrients and shelter. Emphasis will be placed on field safety and scientific observation. **Science Standard: 2.L.5B.1**

(NOTE: in the event of inclement weather, students will remain indoors and participate in an Awesome Amphibians lesson)

Animal Explorations

Come explore the Animal Kingdom! Through classification, students will become familiar with the physical characteristics of animals belonging to six basic groups including: Mammals, Birds, Amphibians, Reptiles, Fish, and Insects. Hands-on time with a variety of live and mounted animals will make this an exciting learning experience. **Science Standard: 2.L.5A.1**

Option B

Weather Explorers

Students will examine thermometers, wind vanes, rain gauges, and wind socks to learn how these instruments are used to measure and record weather. From using thermometers to observing bubbles, this lab will blow you away! **Science Standards: 2.E.2A.1, 2.E.2A.2, 2.E.2A.3**

Surviving In the Wild

From the mountains to the sea, students will discover what animals need in order to survive wherever they live. Students will visit and explore our specially-designed animal habitats and compare them with what an animal needs to survive in the real world. Students will then consider the consequences if those needs are not met. **Science Standard: 2.L.5B.1**



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