



## Intermediate Educational Program Summaries 2023

(Ideal for 3<sup>rd</sup> - 6<sup>th</sup> grade)

**Chemistry Explorations** - We do it for the reactions - physical, chemical, and excited reactions, that is! "Chem Ex" dives into chemical reactions and investigating unique processes through observation and experimentation - that's something you don't see every day!

**Disclaimer:** This program contains fire, reactions, and chemicals that can only be handled by professionals. Students with sensitivity to overstimulation should be aware and participants may not touch or be near the display table unless asked to approach.

**Guidelines:** 50 students maximum, One session per day

**Length of Program:** Up to 45 minutes

**Ideal Space and Materials Required:** Large classroom with high ceilings OR outdoor space

**Sunshine State Standards:** SC.4.P.9.1, SC.5.P.8.4, SC.5.P.9.1, SC.5.P.10.1

**Force in Motion** - We take a closer look at how objects move around us. An object set in motion will remain in motion until another force acts upon it - let's investigate why! From inertia to physical reactions, this program attempts to explain movement in all of its forms.

**Disclaimer:** Very messy, could benefit from outside space for last activity.

**Guidelines:** 50 students maximum, One session per day

**Length of Program:** Up to 45 minutes

**Ideal Space and Materials Required:** Large, open room with high ceilings OR outdoor space, access to electricity

**Sunshine State Standards:** SC.3.E.5.4, SC.3.P.10.2, SC.4.P.10.1, SC.4.P.10.2, SC.4.P.12.1, SC.5.P.10.2, SC.5.P.13.1, SC.5.P.13.2, SC.5.P.13.3, SC.5.P.13.4, SC.6.P.13.1, SC.6.P.13.2, SC.6.P.13.3



**Space Explorations** - Time for takeoff! We will take you with us on a journey as we look at new, ever-changing information about the subject of space. This program presents how scientists and researchers are exploring the mysteries of space, from the planets that we are familiar with to the technology that helps us continue to discover new information about space.

**Disclaimer:** As part of the experience, lights may be turned off during the program to better explore the night sky. Students should be aware.

**Guidelines:** 50 students maximum

**Length of Program:** 45 to 60 minutes

**Ideal Space and Materials Required:** Regular classroom with few obstacles, media access to a screen that connects to a laptop, access to electrical outlets

**Sunshine State Standards:** SC.3.E.5.5., SC.5.E.5.2, SC.5.E.5.3

**Super Bodies** - Our bodies do so many amazing things, we had to find ways to highlight them. They do yucky things to protect us, beautiful things to shape us, and extraordinary things to help us experience the world in a healthy way. Body science can be uncanny!

**Disclaimer:** This program is high-energy. Students that are sensitive to over-stimulation should be aware.

**Guidelines:** 50 students maximum, One session per day

**Length of Program:** Up to 45 minutes

**Ideal Space and Materials Required:** Regular classroom or larger with tables, access to electrical outlets, audio capabilities

**Sunshine State Standards:** SC.6.L.14.6



**#WeAreLoud** - Experience culture and heritage through music from around the world. With instruments from multiple areas of the world, it is a wonder the music we can make! We hope you enjoy this stunning look at various cultures, learning the history and science behind the instruments as we play.

**Disclaimer:** This program is LOUD. Students with sensitivity to noise should be aware.

**Guidelines:** 30 students maximum

**Length of Program:** Up to 45 minutes

**Ideal Space and Materials Required:** Classroom with tables or a seating area, media access to a screen that connects to a laptop, access to electricity

**Sunshine State Standards:** MU.3.H.1.3, MU.4.H.2.2, MU.4.O.1.1, MU.5.H.11, MU.5.O.1.1, MU.58.H.1.1, WL.K12.AH.6.4

**Weird Weather** - This program focuses on the strangest weather events in the United States. Students will be engaged and entertained as they will act as the "studio audience" in this Weather Broadcast setup. Broadcasting to you live - this is Weird Weather.

**Disclaimer:** None.

**Guidelines:** 40 students maximum

**Length of Program:** Up to 45 minutes

**Ideal Space and Materials Required:** Regular classroom, two tables at the front, media access to a screen that connects to a laptop, access to electrical outlets

**Sunshine States Standards:** PE.6.C.2.21, SC.5.E.7.3, SC.5.E.7.4, SC.6.E.7.8