



Second Grade South Carolina Programs

MONTHLY PROGRAM PAIRINGS

SEPTEMBER, OCTOBER & NOVEMBER	APRIL & MAY
*The Weather Animals with Backbones Push Me, Pull Me Magnets & Motions	*The Weather Staying Alive! What's the Matter?

PLANETARIUM PROGRAMS

THE WEATHER **Months offered: SEPTEMBER, OCTOBER, NOVEMBER, APRIL & MAY**

Join us on a journey to connect children to the weather around them and encourage them to use their senses to observe weather. Learn basic cloud types, their association with specific weather conditions, and the concept of weather forecasting. *The Weather* introduces basic terms used to describe weather conditions, and the instruments used to study and measure weather. Children follow a drop of water through the entire water cycle. Standards: 2.E.2A.1, 2.E.2A.2, 2.E.2A.3, 2.E.2A.4

DISCOVERY PROGRAMS

ANIMALS WITH BACKBONES **Months offered: SEPTEMBER, OCTOBER & NOVEMBER**

We will classify fish, amphibians, reptiles, birds, and mammals according to their physical characteristics. Students will observe live animals including salamanders, frogs, turtles, snakes, an alligator and an owl. Standards: 2.L.5A.1, 2.L.5A.2, 2.L.5A.3, 2.L.5B.1

MAGNETS AND MOTIONS **Months offered: SEPTEMBER, OCTOBER & NOVEMBER**

Students will predict, sort, test and classify objects as magnetic or non-magnetic. Using toys and fun hands-on activities, students will investigate properties of magnetism and demonstrate how the poles of magnets attract and repel. Standards: 2.P.3B.1, 2.P.3B.2, 2.P.3B.3

PUSH ME, PULL ME **Months offered: SEPTEMBER, OCTOBER & NOVEMBER**

Students will experiment with force and motion using toys including marble towers, gears, ramps and dominoes. They will collect, analyze, and interpret data from observations and measurements as they investigate motion, gravity and friction. Standards: 2.P.4A.1, 2.P.4A.2, 2.P.4A.3, 2.P.4A.4

STAYING ALIVE! **Months offered: APRIL & MAY**

What adaptations help animals to stay alive in their habitat? Students will answer this question as we observe live animals including an owl, alligator, turtle, frog and salamander and learn all about animal adaptations by participating in hands-on stations. Standards: 2.L.5A.1, 2.L.5A.2, 2.L.5B.2, 2.L.5B.3

WHAT'S THE MATTER? **Months offered: APRIL & MAY**

Students will investigate three states of matter: solid, liquid, and gas. They will observe, describe, and compare physical properties of solids and liquids. They will also explore mixtures and solutions. Standards: 2.P.3A.1, 2.P.3A.2, 2.P.3A.3