

## Pre-School Program Listing

### **Balance, Motion & Newton©**

Understand why things balance, how things move and all the forces that impact motion. Have FUN while you learn how to trick gravity and make objects balance or fall down!

### **Chemfun©**

Find out how much fun chemistry can be! Explore chromatography as you watch colors separate. Make a chemical reaction between a solid and a liquid to produce a gas and more!

### **Down Deep ©**

Discover our oceans and what creatures live down deep. Examine a real fish! Build your own coral reef and explore echolocation, whale song, and bioluminescence and find out how deep sea marine creatures survive and thrive.

### **ExSEEDingly Cool©**

Discover the amazing world of plants. Have fun as we check out all types of amazing seeds. Find out what seeds need, and take some home to grow.

### **Get Buggy©**

Discover the incredible world of bugs and the many ways in which they help our world. See through the eyes of bugs, make your very own spider's web and play the pheromone game.

### **Globs, Goo and Guts©**

Journey through our body's digestive system. Have FUN while you "digest" a cracker and make a "deposit"!

### **Homemade Fun©**

Explore the world of built and natural shelters and the many different homes and shelters used and built by birds, insects and animals. Make your own spider's web and bird's nest to take home.

### **Jurassic Jr©**

Step back in time to the age of dinosaurs. Become a paleontologist as we examine and dig for real fossils and dinosaur bones. Make your very own fossil to keep!

### **Let's Make Sense©**

Have FUN as we make sense out of our senses. Explore our five senses, one sense at a time and discover how much we rely on them!

### **Let The Sun Shine In©**

Learn all about the sun. Discover light and energy from the sun. Make shadows move and create day and night. Find out how to protect ourselves from light we cannot see.

**Reason for the Season©**

Discover the four seasons as we make the earth move around the sun! Have FUN as we make your own leaf rub, snowflake and more!

**Sea Ya' Later©**

Explore our amazing underwater world. Learn about plankton, and why almost all ocean life depends on them. Get the beef on coral reefs! Discover how marine mammals stay warm. Make your very own reef to keep!

**Sounds Like Fun/Vibes©**

Catch the vibes...and learn the amazing facts about sound. Make salt dance on an eardrum. Learn about wave motion and echolocation. Make your own sound machine!

**Somethin's Fishy©**

Enter the ocean and learn about fish scales and schools of fish. Find out how fish breathe. Go fishing! Optional: Would you like to hold a real fish?

**Survive and Thrive©**

From stinky skunks to flying frogs, your students will journey through the amazing ways animals survive on earth. Make your very own creature that must survive.

**The Body Shop©**

Step into the world of the pediatrician's office. Take your weight, height, and temperature. Take a deep breath as we listen to our heartbeat with real stethoscopes. Discover your reflexes. Explore the world of vaccines as we work with syringes and much more!

**The Unique Me©**

Learn about what makes you special. Find out why you look different than other people, what you inherited and what your special traits are. You will even get to be "fingerprinted".

**Weather or Not©**

Learn about weather as we touch a cloud and feel the buzz created by lightning. Discover the amazing properties of air and air pressure. Create a tornado!

**What's the Matter** Find out what really matters. Have FUN as we explore phase changes and the properties of solids, liquids and gases. Watch air take up space and make solids turn into gases!

We have additional programs available as part of our Weekly Programming for Pre-Schoolers. See more on the next page:

## Weekly Preschool Programming

Week	Topic
	<b>Life Science – Zoology, Ecosystems, Oceans, Insects and more!</b>
1	Introduction: What scientists do – Observations and experiments
2	Survive and Thrive© - Animal adaptation and survival in their ecosystem
3	Birds of a Feather© -Birds, feathers and their functions
4	Somethin's Fishy© - Fish, schools, scales
5	Sssnake Science© - Snakes
6	Fall nature walk - Bring the classroom into a nature preserve
7	Jurassic Jr.© - dinosaurs and fossils
8	Sea Ya Later© - Coral reefs
9	Down Deep© - Whales
10	Sunlight, Twilight and Midnight© - Layers of the oceans
11	Rainforest Safari© - The rainforest ecosystem
12	Desert Survival – Adaptation to the desert
13	Get Buggy© - Insects
14	The cave ecosystem
15	Homemade Fun© - Homes and shelters built and found by animals and other creatures
	<b>Life Science – Our bodies</b>
16	Let's Make Sense© - The five senses
17	The Unique Me© - My family and me inherited traits and genes
18	The Heart Knows© - The heart and the circulatory system
19	Brain Buzz© - The brain
20	Eye, Eye Captain© - The eyes
21	The Body Shop© - At the doctor's office
22	Get Off My Back© - The bones
23	Globs, Goo and Guts© - The digestive system
24	Nutty Nutrients© - Our bodies and nutrition
	<b>Earth and Space Science – Weather and the Seasons</b>
25	Weather or Not© – What causes the weather to change
26	Meteorology Madness© - Storms and meteorology
27	Reason for the Season© - The seasons
	<b>Earth and Space Science – Space and the Solar System</b>
28	Space Case© - The galaxies, stars and constellations
29	Cosmic Capers© - Our solar system
30	Let the Sun Shine In© - The sun and the Earth's interaction

	Topic
	<b>Earth and Space Science – The Earth’s Crust</b>
31	Dig It© - Rocks and minerals
	<b>Botany and Earth Science</b>
32	Smarty Plants© – The parts of a plant and their functions
33	ExSEEDingly Cool© – Grow a seed
34	Spring nature walk – Bring the classroom into a nature preserve
	<b>Energy and Forces</b>
35	Edison’s Workshop© - Electricity
36	Sounds Like Fun© - Sound, vibrations and waves
37	The Power of Light© – Reflection, refraction, ROY G BIV
38	Magnet Makers© - Magnetism
39	Friction Gives Me Traction© - Friction and its impact
40	Balance, Force and Newton© - How things balance, what impacts motion
	<b>Engineering – Structures and Shapes</b>
41	Up, Up and Away© - Flight
42	Beams and Bridges©
43	Put Your Truss In It© - Structures with trusses
44	Finally Fun Machines© - Simple machines
	<b>Chemistry</b>
45	What’s the Matter© - Solids, liquids and gases
46	Water Science© - Properties of water
47	Summer nature walk – Bring the classroom into a nature preserve
48	Forensic Fun© - Forensic science
49	Chemfun© - Chemistry fun
50	Flutter Flutter© - Butterflies and Moths
51	Make it Float!© - Buoyancy
52	Scientist’s Discovery!