



## Canada South Science City Program Information

Day Length	Pricing	Average Time	Additional Details
Full-day	10\$/student, \$4/adult, teachers and assistants are free*	5 hours, 9:30-14:30	Lunch break + up to 3 workshops
Half-day	6\$/student, \$4/adult, teachers and assistants are free*	2.5 hours, 9:30-12; 12-14:30	Up to 1 workshop

\* There is no charge for up to 1 adult teacher, assistant, or supervisor for every 5 children in JK-SK classes, or for every 10 children in higher grades.

Science City Tour Program List			
Program Name	Program Description	Curriculum Grade Reference	Materials
<b>Tour</b>			
Dig	Students explore the concept of searching for fossils in the sand. They may keep up to one fossil model.	Fun for all grades! 4: Rocks and Minerals	\
Lagoon	Students are introduced to a variety of reptilian, amphibian and fish species.	All grades benefit!	\
Exploratorium	In here, there are various models and activities designed to help further understand concepts in electricity and magnetism, mechanics, optics, the solar system and sound.	Students of every grade will appreciate this immense activity, since it touches on aspects old and new.	\
Human Bubble	A fun experiment in which students are invited to be enveloped by a large bubble.	All grades will enjoy this fun experiment!	\
<b>Workshops Available</b>			
Biodiversity	15-minute film sensitizing the students to the conservation of nature and species	1: Needs and Characteristics of Living Things 4: Habitats and	\

		Communities 6: Biodiversity 7: Interactions in the Environment	
Structures - Earthquakes	Study and examine the effects of earthquakes on our environment.	1: Daily and Seasonal Changes 4: Habitats and Communities 7: Interactions in the Environment	?
Structures - Bridges	Team challenge, construction of stable bridges	1: Materials, Objects, and Everyday Structures	-K'Nex building set
Egg Drop	Team work construction – build a structure strong enough to prevent an egg from cracking when dropped.	Fun for all grades, but mainly: 1: Materials, Objects, and Everyday Structures 3: Strong and Stable Structures 7: Form and Function	-Balloons -Paper -Cups -Baskets -Foam -Various other misc. items -Egg
Mixtures	Analyse acids, bases and neutrals with the cabbage juice indicator method.	A cool trick for all grades, but mainly: 7: Pure Substances and Mixtures 8: Fluids	-Water -Lemon juice -Vinegar -Cabbage juice -Detergent -Containers
Flubber	Create a safe, fun gooey flubber to take home.	Fun for primary grades 1-3	-Borax -Glue -Water -Spoon/stirrer -Food colouring
Oobleck	A quicksand model designed to illustrate the properties of non-Newtonian fluids.	Fun for primary grades 1-3	-Corn starch -Water -Spoon/stirrer -Bowl
Bouncy Balls	Observe the effects of air compressibility and gravity.	Fun and educational for all grades!	-Golf ball -Ping Pong ball -Basket ball -Air pump -Cup + cover -Water
Structures – Levers & Pulleys	Develop greater understanding of the importance of levers and pulleys with actual models.	4: Pulleys and Gears 5: Forces Acting on Structures and Mechanisms 8: Systems in Action	?
Structures – Gears	A more hands-on and visual method of observing the effects of gears.	4: Pulleys and Gears 5: Forces Acting on Structures and Mechanisms 8: Systems in Action	?
The Human Body & Biology	Learn about the eye's persistence of vision, the average human reaction	5: Human Organ Systems	-Approx. 3L bottle -Water tank/container

	time, as well as the lungs' capacity by experimenting.		<ul style="list-style-type: none"> <li>-Bendable straws</li> <li>-Long carton tube</li> <li>-Duck tape</li> <li>-Marked ruler</li> </ul>
Marshmallow Tower Geometry	Build the tallest, strongest, marshmallow tower by using toothpicks. This shows the value of triangular structures for building.	<p>3: Strong and Stable structures</p> <p>5: Forces Acting on Structures and Mechanisms</p>	<ul style="list-style-type: none"> <li>-Marshmallows</li> <li>-Blunted toothpicks</li> <li>-Flat weight of any kind (i.e.: a light magazine)</li> </ul>