

Kids Science Workshops

Biology

Human Body (Most popular)

How does the body work? This workshop provides experimental activities to investigate how the major systems (respiration, circulatory, and digestion) in our bodies function.

- Possibility of extending workshop up to one and a half to two hours with Nervous & Musculoskeletal Systems
- Can also be extended with discussions of health research or chemical interactions in the body

Animal Biodiversity & Species Classification

Animals are some of the most wonderful creatures, each perfectly adapted to whatever environment they live in. In this workshop, students will learn about the different types of habitats, how animals have evolved to survive within them, and how scientists keep track of every animal every known.

Animations & Optics

Animated movies and TV shows all use the same techniques to "trick" your eyes into seeing something moving when it really isn't. Learn how our eyes get tricked like that, along with some optical illusions in this engaging workshop.

BUGS!

Bugs (more commonly known as insects) are the most abundant types of animals on Earth, but how are they different than us? What makes them so successful? And how can you tell them apart?

Cells & Cancer

Cells are tiny parts that make up the larger whole of practically every living thing on Earth. But how do they grow and change? And what happens when that change goes out of control?

Habitats

Learn about the huge number of habitats on planet Earth, what makes them different, and all the different types of animals that live in them (and how they have adapted to that environment).

Human Kinetics

The human body moves in a huge variety of ways – up and down, back and forth, side to side. But how do our muscles work to help us do this? The answer is not as simple as you think.

Chemistry

What's the Matter? (Most popular)

Learn about all the states of matter in an experiment-filled way. In this experiment, we will have fun with plasma balls, bubbles, and a bunch of interactive experiments using dry ice!

Atoms, Molecules, and Polymers

Tiny particles make up everything in the universe, from you to the clouds in the sky. Learn how these interact in a presentation that takes you on a tour of the periodic table, that ends with making super-stretchy slime to take home!

Colour & Light

Ever wonder how colour and light are related? Turns out that we cannot see one without the other! And have you ever wondered how our eyes work? And why seeing colour is so important?

Electrifying Electricity

Build circuits, light up lights, and find out what does (and doesn't) conduct electricity! This workshop is an illuminating take on all things dealing with electricity, current, and static.

Elements

Can you name all the elements in the Periodic Table? If not, don't worry! In this lesson, we will take you on a tour some of the most interesting and note-worthy elements.

Careers in Science

Medical & Nursing School Workshop (Most popular)

Learn what it takes to become a Nurse and Doctor in this in-depth presentation discussing course requirements, exams, tips/tricks, and MCAT breakdown, and more! ***Recommended for students in Grade 8 or above***

Crime Scene Investigations

Learn about what tools CSI's use in this workshop, where we learn how to use science to solve crimes. You'll learn how to be more observant, discover fingerprints, chromatography, and learn how the human brain can get tricked.

Structures and Engineering

A kit focused on all different types of engineering! Learn how bridges and dams work, how to test the strengths of materials, participate in a bridge building competition, and learn about all that engineers do!

Forces of Nature

Energizing Energy

A non-stop energy packed workshop! Learn about kinetic and potential energy, as well as renewable sources, all while playing with toys.

Fun With Straws

Straws are not just for drinking – you can have a lot of fun (and make a mess) using some simple everyday items!

How's the Weather?

Every day, all over the world, people encounter all sorts of weather. You'll learn how weather is made, why do we have seasons, why it is important, and how "extreme weather" is so different than everything else.

Space

This workshop will take you out-of-this-world and into outer space, where you'll learn all about stars, how gravity works, and why Pluto isn't considered a planet anymore.

Space is split into two presentations: Sun and Stars, as well as Planets, Comets and Meteors, which can be combined into a two-hour lesson.

Things That Move

From airplanes to hot air balloons, how do they fly? Learn about how things fly, move, push, and pull through interactive demonstrations.

The Sound of Music

Sounds are everywhere - but how do we hear them? How are they made? And how do musical instruments work? Here's a hint – it's all about vibrations.

Email us at kids.science@sickkids.ca to book a workshop today!