PrimeSCI! PREP - GRADE 2

Primary School Science Incursions

PrimeSCI! delivers exciting and powerful STEM programs to ignite curiosity and develop the next generation of scientists.

CHEMICAL SCIENCES

Bend Stretch Twist

Learn how changing the shape and temperature in materials result in dramatic changes in their behaviour. Work with amazing materials like nappies and oobleck. Highly engaging and hands-on.

Mix and Unmix

Why do some things mix with water while others do not? How do we separate mixtures to get what we want? This delightful hands-on session will draw children into the world of chemistry and engineering as they explore the phenomena of dissolving, crystallisation and make colourful discoveries with everyday materials.

PHYSICAL SCIENCES

Toys in Motion

Explore forces and motion through the properties of toys. By the end of the session, students will understand the concepts of push, pull, friction and gravity and link scientific language to familiar experiences and observations.

Sound and Light

Students learn to explain how they see and hear. Through hands-on activities, the students explore how light and sound travel, bounce and move through objects. Try to catch a rainbow!

EARTH AND SPACE SCIENCES

Our Blue Marble

Explore how Planet Earth is ideal for supporting life within the Solar System with its temperature, atmosphere, and water cycle. Students learn about how planets rotate and orbit, they measure temperature, experience air pressure and snow, and make their own planets in a cup.

Earth's Resources

What do we dig up from the Earth? Students identify samples from Australian mines and work out the uses of these minerals in our everyday lives. We can't keep digging up and chopping down Earth's resources forever, so students work in groups to learn how to recycle and make their own recycled paper.

DIGITAL TECHNOLOGIES

Bee Bots/ Edison Robotics

How do we speak to robots? Students communicate with the robots and give them instructions to complete simple tasks. An introduction to robotics and programming.

BIOLOGICAL SCIENCES

Life Cycles

Discuss and explore what defines a living thing and identify different life stages of freshwate invertebrates in a pond water sample. Best taught in Term 1 and 4 for greatest waterbug diversity.

Secret Life of Plants

Discover the secret of magic beans in this activity-packed session. Students will identify and dissect seeds, and find out how plants can take over the world!

Dinosaur Detectives

Become a palaeontologist and examine our special fossil collection. Make casts of real fossils and discover what we can learn from ancient teeth and claws.

Meet Mr Bones

Learn to name bones in the body, explore what makes bones strong, and identify real skeletons of animals in this popular session.

Digestive System

Follow food along the digestive tract, and learn about how we taste, digest, and move food along our gut. Make poo to understand why it is important to eat enough vegetables. Touch real animal tongues and stomachs!

Book your school incursion now!

www.swinburne.edu.au/primesci
P: (03) 9210 1969
E: primesci@swin.edu.au

All lessons support Victorian Curriculum and are conducted within COVIDsafe Guidelines.

PRIMESCI!

SWINBURNE UNIVERSITY OF TECHNOLOGY

Can be run as online lesson

CRICOS 00111D RTO 3059

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Incursion Cost and Details

PrimeSCI! interactive classroom lessons are designed for maximum hands-on participation. Sessions are held at your school or online.

Fees for PrimeSCI! Incursions

Regular On-site Incursion (1hr)

$470 + GST for 2 sessions of the same topic (minimum)
$235 + GST for each additional session (up to 5 per day)

Hands-on Virtual Incursions (1hr)

$350+ GST for 60 students

Demonstration-only Virtual Incursions (1hr)

$200+ GST for 60 students

Teacher Professional Learning

PrimeSCI! offers professional learning workshops for primary school teachers to help with the delivery of science, technology, engineering and technologies subjects in the classroom. Join our professional learning sessions or book a science workshop for the teachers at your school. Contact us to find out more.

Science				Digital Technologies
Chemical Sciences	**Physical Sciences**	**Earth & Space Sciences**	**Biological Sciences**	
Objects are made of materials that have observable properties. Bend Stretch Twist	The way objects move depends on a variety of factors including their size and shape; a push or a pull affects how an object moves or changes shape. Toys in Motion	Observable changes occur in the sky and landscape; daily and seasonal changes affect everyday life. Our Blue Marble	Living things have a variety of external features and live in different places where their basic needs, including food, water and shelter, are met. Life Cycles Secret Life of Plants Dinosaur Detectives Meet Mr Bones Digestive System	Identify and explore digital systems (hardware and software components) for a purpose. Bee Bots Edison Robotics
Everyday materials can be physically changed or combined with other materials in a variety of ways for particular purposes. Bend Stretch Twist Mix and Unmix	Light and sound are produced by a range of sources and can be sensed. Sound and Light	Earth's resources are used in a variety of ways. Our Blue Marble Earth's Resources Mix and Unmix	Living things, grow, change and have offspring similar to themselves. Life Cycles Secret Life of Plants Dinosaur Detectives	Follow, describe and represent a sequence of steps and decision (algorithms) needed to solve simple problems. Bee Bots Edison Robotics

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