

PrimeSCI! Grade 3 – Grade 4

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

BIOLOGICAL SCIENCES

Freshwater Habitats

Investigate different wetland water samples to identify freshwater invertebrates. Discuss the needs of animals that live in these habitats as you learn about living and non-living factors that influence life in our local waterways. Best taught in Term 1 and 4 for greatest waterbug diversity.

Secret Life of Plants

Dissect seeds, identify parts of plants and investigate germination to explore the secret world of plants. Plant your own bean seed to keep at school or take home

EARTH AND SPACE SCIENCES

Our Place in Space

Learn the latest in space science as students travel into outer space to understand planetary rotations and orbits, model the gravitational effects of our Moon, and use the language of numbers to understand the wonders of the universe.

Weather and Weathering

Learn about different types of rocks and the processes that move them around the surface of the Earth. Examine specimens from our mineral collection while investigating weathering and erosion. Explore links between Earth's water cycle and rock cycle in hands-on activities.

CHEMICAL SCIENCES

States of Matter

Learn about states of matter and what goes on inside different molecules. Students gain knowledge from explosions, dancing colours, links to the water cycle and peculiar oobleck.



Reinventing Plastic

Explore the world of plastics molecules and polymers, discovering the unique uses of different plastic types. Learn how to make gelatin-based bioplastic, then test out the properties of this environmentally friendly plastic. Go beyond simply looking at plastics as a waste material!

PHYSICAL SCIENCES

Hot! Hot!

Learn what heat is, the different ways it is produced, and how heat can be transferred through cleverly designed activities and exciting demonstrations. This session covers everything your students need to know about the physics of heat.

Forces in Motion

This powerful, fast-paced session will frame student understanding of forces and how they interact. Learn the role of gravity, friction and magnetism in making objects move.

Book your school incursion now!

www.swinburne.edu.au/primesci

P: (03) 9210 1969

E: primesci@swin.edu.au

All lessons support Victorian Curriculum



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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

Hands-on Incursion (1hr)

\$510 + GST for 2 sessions of the same topic (minimum)
\$255 + GST for each additional session (up to 5 per day)

Teacher Professional Learning

PrimeSCI! offers professional learning workshops for primary school teachers to help you in 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 | | | |
|---|--|--|---|
| Chemical Sciences | Physical Sciences | Earth and Space Sciences | Biological Sciences |
| A change of state between solid and liquid can be caused by adding or removing heat. States of Matter | Heat can be produced in many ways and can move from one object to another; a change in the temperature of an object is related to the gain or loss of heat by the object. Hot! Hot! | Earth's rotation on its axis causes regular changes, including night and day. Our Place in Space | Living things can be grouped on the basis of observable features and can be distinguished from non-living things. Freshwater Habitats Secret Life of Plants |
| Natural and processed materials have a range of physical properties; these properties can influence their use. Reinventing Plastic | Forces can be exerted by one object on another through direct contact or from a distance. Forces in Motion | Earth's surface changes over time as a result of natural processes and human activity. Weather and Weathering | Different living things have different life cycles and depend on each other and the environment to survive. Freshwater Habitats Secret Life of Plants |



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