

SCIENCE SPACE

Facts you can feel.



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

Schools...Let's Join Forces!

School excursions at Science Space are tailored to maximise your time with us. Our suite of inspiring science demonstrations and Planetarium shows are tailored to align to the NSW curriculum. With over 90 interactive and inquiry based STEM exhibits spread across two levels, Science Space is the only dedicated immersive science experience in NSW. We believe in the power and value of hands-on education - Facts you can feel!

INTERACTIVE EXHIBITS

Our exhibition gallery consists of over 90 hands-on exhibits that demonstrate STEM in action. The majority of our exhibits are aligned to the NSW Curriculum and our team support you in finding ways to engage students in STEM activities through the use of our interactive exhibits.



SCIENCE SHOWS

Bring the facts to life with our interactive science demonstrations. From Bubbles and Balloons to Liquid Nitrogen, we offer a selection of inspiring science shows presented in our Science Theatre. With links to the NSW curriculum, shows are approximately 30 minutes long and are adapted to suit all ages and abilities.



PLANETARIUM

Witness the wonders of the universe in the most digitally advanced Planetarium in NSW. Students can experience full-dome immersive shows, providing them with an incredible visual experience while learning about subjects ranging from the universe, dinosaurs, the evolution of life and the night sky.



OUTREACH

Can't make it to Science Space? The stars can always align with you through our innovative outreach program that brings our science shows to your school. Or, if you are looking for an 'out of this world' experience, the team can bring the stars to you through our mobile planetarium.



SUSTAINABLE BUILDINGS RESEARCH CENTRE EXCURSION

The Sustainable Buildings Research Centre (SBRC) is the first of its kind in Australia. We take you on a tour of the 6 star Green star rated building and explore ways of promoting sustainability such as using water tanks, solar energy, native plants and local or recyclable products as part of an additional excursion option.



PRICES

Standard Visit - 2 hours
(exhibition + live science show + planetarium)

Extended Visit - 2.5 hours
(exhibition + live science show + planetarium)

Sustainable Building Excursion - 1 hour

PER STUDENT

\$10

\$12

\$6 (minimum charge \$120)

Group size can be between 15 minimum up to 240 maximum. Teacher ratio of 1:12 is free, any additional teacher/adults will be charged the concession rate of \$13 per head.

School bookings are essential and all planning and support material will be sent when you book.

Please contact the team today to discuss your visit. Call 02 4286 5000



Planetarium Show Preview

SEA MONSTERS (Years 5 to 12) *NEW in 2019*

Travel back 80 million years to a time when dinosaurs ruled! Follow recreations of two marine reptiles called Dolichorhynchops as they journey through perilous waters and dodge massive underwater sea monsters.

WE ARE STARS (Years 4 to 12) *NEW in 2019*

Roll up, roll up! Come inside and experience the universe like never before. From the Big Bang to the modern day, explore time and space from the comfort of our Planetarium.

ICE WORLDS (Years 5 to 12)

Join us as we explore the delicate balance between ice, water and the existence of life. Examine the ecosystems that exist and thrive throughout our universe and learn how their survival is connected with our own.

INVADERS OF MARS! (Years 5 to 12)

Under the care of Emmy award winning space artist, Don Davis, this beautifully curated show highlights our ongoing exploration of Mars. Explore the Martian surface as seen by Earth's various spacecraft 'invaders' and use the data gathered to explore the red planet.

VIOLENT UNIVERSE (Years 5 to 12)

Comets, asteroids, and meteors hurtling through space. Stars collapsing under their own gravity. Witness the raw power of the cosmos in this thrilling show that gives you the front row seat as worlds collide!

PERFECT LITTLE PLANET (Preschool to Year 4)

Discover our Solar System as an extraterrestrial family travel through the galaxy in search of the perfect holiday location.

Science Demonstration Preview

BUBBLES & BALLOONS (Preschool to Year 4)

Concepts covered: liquids, surface tension, evaporation and air pressure.

LIQUID NITROGEN (Years 5 to 12)

Concepts covered: thermal contraction, expansion, boiling points, pressure, temperature, the effects of freezing, cryogenics and changes of state.

PHYSICAL PHENOMENA (Years 3 to 12)

Concepts covered: conservation of energy, energy transfer.

SOUND & MUSIC (Preschool to Year 4)

Concepts covered: sound waves, sound energy, pitch, volume, oscillators and resonators.

Please note: all planetarium shows and science demonstrations run for approximately 30 minutes. Science Space is continually working on new ways to deliver concepts. The shows mentioned in this documents may change or grow at any given time.

This is only a sample of the shows we have on offer.

Visit our website for more info!

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