

20 Briggs Street Bassendean 6054 email - scialive@bigpond.com ph - (08) 62783838 web - sciencealive.com.au

#### THE FUN OF FINDING OUT

# PRIMARY SCIENCE INCURSIONS 2022

Science Alive presents exciting and thoroughly educational science programs for Western Australian students.

The feedback from teachers, for new shows we developed in 2021, indicates they have been a resounding success with students and teachers. They are a mix of fun, student interaction and simple experiments, designed to engage students, stimulate their natural curiosity and help teachers with the science curriculum.

Science Alive has years of experience and can pitch the programs to any ability level. Whether you want to have a whole school incursion or just one class we have a program to suit.

### Try our shows and enjoy the fun of finding out!



# See over page for program details or visit our website for more information



#### **Physical Sciences**

Physical Sciences	
Energy and Movement - forces, sound and light K-Yr2 - Overview Show	Explore the forces and energy that move things in our world. Get hands- on with fruit power, mighty magnets, whirly sound tubes and finish with hovering drones. Lots of fun for all.
Push, Pull & Move - fun with forces	How does pushing and pulling make things move? Try shooting the fly killer, battling with air plungers and spiking an inflated balloon. Finish with all types of flying things.
Light and Sound - vital energy	Learn all about light and sound. we make a sun painting, see crazy reflec- tions, look through a periscope, guess mystery sounds, make music and lots more. Finish with a student band.
Chemical Sciences Material Mysteries - properties, mixtures K-Yr2 - Overview Show & change	Explore the properties and uses of everyday things. We'll be making change by bending, bashing, burning, twisting, stretching, heating and more. Make very strange stuff including exploding gases, dancing cur- rants and some very big bubbles.
Earth and Space Science Earth and Weather - a changing environment K-Yr2 - Overview Show	This show investigates the weather, seasons, sky and water in our world. Say hello to a cloud, make dazzling rainbows, make a sun, earth and moon model and launch soft rockets. Lots of volunteers and fun.
Piological Sciences	

## **Biological Sciences**

Life and Growth – needs, features & adaption K-Yr2 - Overview Show Living things have special features which help them meet their needs. We look at growing, moving, breathing..... animal's differing needs, features, adaptations and preferred places to live.



# Year 3 to Year 6 Programs

Yr3-Yr6 - Overview Show

Physical SciencesEnergy and Change - light, heat, electricityYr3-Yr6 - Overview Show	Energy from the sun is used in many different ways on earth. Learn about this with jumping beans, bending light, human circuits, strong magnets, musical heat, bursting water balloons and exploding cornflour.
Energy and Electricity - magic in the wire	Learn how electricity is made, moved and used. We explain this and more with human circuits, simple lights and heaters, solar, wind, hydro generators and exploding biomass. <b>This show has a sustainability focus.</b>
The Light Fantastic - seeing our world	Explore how light is it is absorbed, transmitted, reflected, refracted and even bent in circles. Find out about light and have fun with crazy mirrors, lenses, rainbows, lasers, fibre optics and lots more.
Forces and Motion - push and pull	Forces push and pull things in our world. We look at some strange friction, mighty magnets, gravity and air to drop basketballs, fly planes, launch rockets, test students strength and even break a ruler (ouch!).
Chemical Sciences Materials and Mixtures - a change of state Yr3-Yr6 - Overview Show	Examine heating, cooling, melting, temperature, liquids, solids and gases, mixtures and separations. Have fun with flying t-bags, a blasting blow- torch, the big hammer test, slippery slime and bubbles inside bubbles.
Earth and Space Science Earth and Beyond - our home in space	Volcanos, earthquakes, wind and rain change our small planet. The earth

Volcanos, earthquakes, wind and rain change our small planet. The earth is part of a solar system. We use a variety of rockets and cornflour to explain modern rocketry.