



# DIY Science Kits

**Bring the Scitech 'WOW' factor to your classroom with a DIY Science Kit! Scitech's DIY Science program supports Western Australian educators to build students' science inquiry skills and inspire innovation. We do this by making resources available for hire, with a whole term of themed lessons, experiments and investigations around a particular topic.**

Each kit contains the required materials, complete experimental instructions, reproducible resources that are yours to keep, and exclusive access to downloadable digital resources. There is a kit for each of the four science strands, and each come with up to 8 weeks' worth of lessons and activities for each year level from Pre-primary to Year 6. Students also have opportunities to design and run their own open-ended experiments to improve their Science Inquiry Skills.

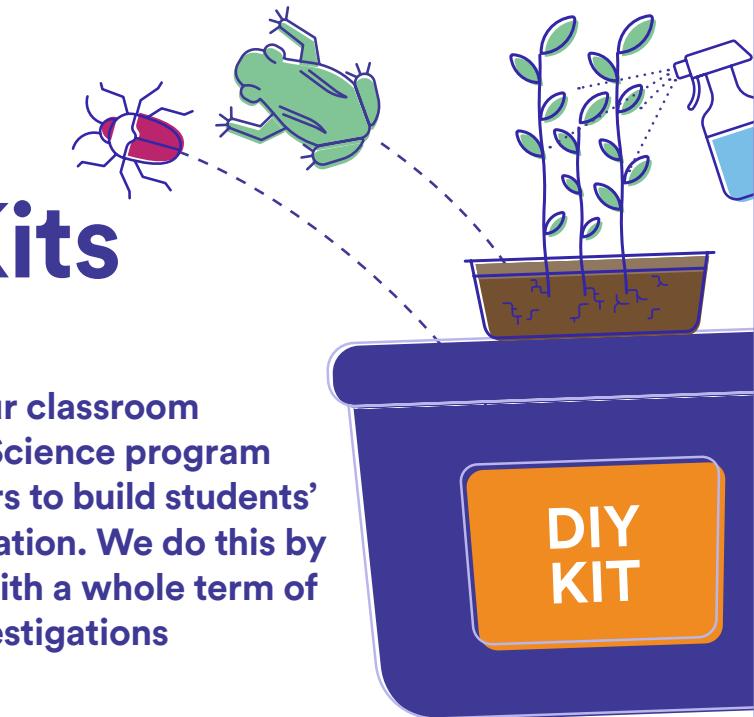
All the DIY Science Kits are designed to enrich teachers' delivery of Western Australian Science curriculum content, with activities such as:

## Biological Sciences

- Investigate what defines a living thing and classify animals according to their features.
- Explore the needs of living things and what happens when environments change.
- Go on a 'School Safari' and explore environments and habitats by collecting and examining insects and other living and once living things.
- Examine plants as they develop from seeds and follow their life cycle all the way back to seeds.

## Earth and Space Sciences

- Conduct hands-on investigations to explore the movement of the Earth around the Sun, and the relative sizes of these celestial bodies.
- Create scale models of planets and their orbits, and develop research skills to identify the planets by their characteristics.
- Investigate your local environment to find evidence of erosion and analyse the dirt around your school.



## Chemical Sciences

- Use your senses to explore the physical properties of materials and create different ways of grouping them.
- Make different types of bioplastics and explore their material properties.
- Investigate the environmental conditions that affect state changes in chocolate.
- Explore mixtures and solutions and discover what makes a change reversible or irreversible.

## Physical Sciences

- Explore the forces all around us through water-powered rockets and magnets.
- Examine mirrors, kaleidoscopes and rainbows to explore the wonders of light.
- Investigate the power of electricity by building your very own circuits and learning about the sources of electrical power used around the world.

## Kit cost and duration

Hire: **\*\$250 for 8 weeks of term.**

*\*includes non-refundable \$100 deposit. Free transport to and from all regional, remote and metro schools.*



## Booking enquiries

Scan the QR code to submit an enquiry. Or contact us at:

E: [bookings@scitech.org.au](mailto:bookings@scitech.org.au)  
P: 9215 0740

