

scitech

DIY Science Kits

Bring the Scitech 'WOW' factor to your classroom with a DIY Science Kit, proudly supported by Rio Tinto! Scitech's DIY Science program supports Western Australian educators to build students' science enquiry 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 Foundation 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 fully linked to the Western Australian Curriculum, and are designed to complement your science teaching, 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.
- Investigate the different properties of materials and determine the best method for making a brick.
- Discover what makes different materials human-made or natural.
- Explore mixtures and solutions and find out whether combustion is a chemical reaction.

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.

Rio Tinto



Booking enquiries

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

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The information on this flyer is current as of January 2024 and is subject to change

