

Incorporating 3D printing into everyday lessons encourages design thinking skills, like prototyping, testing and product development. Skills that tomorrow's engineers, technicians, inventors and additive manufacturers will use every day.

### Why use 3D printing as a classroom tool?

- Encourages engagement through hands on activities
- Develops critical and creative thinking skills through problem solving
- Increases communication and collaboration to formulate design ideas

With FUJIFILM Business Innovation Australia's experience in the education sector and Ultimaker's 3D technology, we believe we can optimise your 3D printing capabilities for STEAM learning opportunities, right across the curriculum.

Our educators get more than a reliable machine. Alongside our 3D printers we provide access to simple lesson plans, onsite support (if necessary) and the Ultimaker Academy, offering online training on all aspects of using 3D printing.

## Simply powerful desktop 3D printers

FUJIFILM Business Innovation Australia offers Ultimaker 3D printers that are a step-up from hobbyist devices, with advanced features and functionality that are ideal for learning at any age.

The Ultimaker S-line 3D printers are built to run continuously and maximise uptime. With the addition of the optional Air Manager to the Ultimaker S5, the enclosed build chamber offers safety benefits, such as additional protection from hot components and airborne particles.

The intuitive touch interface display, winner of a prestigious iF Design Award, works with advanced connectivity on the Ultimaker S3 and S5. This minimises the need for extensive operator training and minimises downtime through fast configuration changes.

Ultimaker enables 3D printing across a broad range of applications; from simple models to help primary students grasp concepts right through to complex technical models in university labs.

# Affordability, connectivity, reliability

Ultimaker's award-winning 3D printers are robust, reliable, and easy to use. Certified to run 24/7 to help your students achieve results quickly and easily. Fast set up and simple controls mean you don't need to be a technical expert. We can provide onsite hardware service and support should you need, and the Ultimaker Academy e-learn resources equip you with multiple resources for teaching.

At FUJIFILM Business Innovation Australia, we take the complex and make it simple. Through great innovation, backed by more than 60 years' experience solving problems in education in Australia, we help schools, colleges and universities realise the potential of technology.

"Nothing replaces touching and holding a prototype, moving it, placing it in perspective against other objects, and feeling its surface."

Rafael E. Landaeta, Ph.D.
Associate Dean at the Frank Batter
College of Engineering & Technology.

"It's incredibly powerful to see kids print something multiple times before it works, taking the time to understand what adjustments to make and not giving up."

- Mike Page,

School Vice Principal at School District 20.3

#### Ultimaker S3 -

Delivering high-quality compositeready performance. Designed with a small footprint, this dual extrusion printer is suitable for any classroom or maker space. Powered by Ultimaker's latest 3D printing technology, this is a powerful, cost-effective option.



#### Ultimaker S5 -

With a larger build volume, the Ultimaker S5 not only enables bigger models, but can also print multiple parts on a single build plate. Delivers leading solutions for a desktop 3D printer.



#### Air Manager

Provides a closed inside-out airflow, providing a better environment within the build chamber. Filters out up to 95% of ultrafine particles.



#### **Material Station**

Seamlessly integrates with the Ultimaker S5. Allows for filament storage and delivery in a humidity-controlled chamber to help increase productivity.



### **About Ultimaker**

Since 2011, Ultimaker has built an open and easy-to-use solution of 3D printers, software, and materials that enables professional designers and engineers to innovate every day. Today, Ultimaker is the market leader in desktop 3D printing. From offices in the Netherlands, New York, Boston, and Singapore – plus production facilities in Europe and the US – its global team of over 400 employees work together to accelerate the world's transition to digital distribution and local manufacturing.

FUJIFILM Business Innovation Australia's education specialists are ready to help you transform classroom learning – for real.





FUJIFILM Business Innovation Australia Pty Ltd 8 Khartoum Road, Macquarie Park NSW 2113 Australia Contact us at fujifilm.com/fbau/en/education-3D-solutions or 13 14 12.