"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn"

Alvin Toffler, author of *Future Shock*.

MAKERS M EMPIRE

85% of jobs that will exist in 2030 haven't been invented yet. So how can we best prepare our students for this unknown future? How can we teach our children to be innovators and problem solvers who can adapt and pivot when necessary to flourish in a rapidly changing world?

Why Schools Should Teach Design Thinking

"Design Thinking is a way of thinking and working that helps us to define and solve problems. It is a non-linear, iterative and human-centred process that helps us to reframe problems as opportunities,"
Mandi Dimitriadis, Director of Learning, Makers Empire

Benefits of teaching Design Thinking to students

Student as Creators – Students are positioned as creators, inventors, innovators and problem solvers.

Problem Solving – Being able to identify problems within their communities and reframe them as actionable opportunities helps students develop empathy for others as well as confidence in their own abilities and healthy self-esteem.

Growth Mindset – By learning how to fail well and often, and viewing setbacks and failures as valuable learning moments, students develop persistence, resilience and a Growth Mindset

21st-Century Ready – Students are equipped with the skills, tools and resources they need to develop as resourceful and optimistic people.

Meaningful Collaboration – Students learn how to give and receive constructive feedback and the value of collaboration.

Entrepreneurial Behaviour and Global Citizenship – students learn how to identify and solve real-world problems to become useful and productive members of society.

Why Schools Choose Makers Empire

With Makers Empire, teachers can harness the full potential of 3D design and printing to teach STEM concepts, Design Thinking and 21st century learning skills. Benefits for schools include:

Complete Solutions – our award-winning solutions include everything you need to integrate Design Thinking, 3D printing and 3D design effectively and efficiently.

Age Appropriate Tools – Makers Empire was designed for grade K-8 students so even your youngest students can achieve with Makers Empire.

Cover Design & Technology Curriculum – Teachers can cover mandated design and technology standards and curriculum using Makers Empire's library of 150+ lesson plans aligned to American Common Core standards, ISTE Standards for Educators, Next Generation Science standards and the Australian Curriculum.

Teach STEM - Teachers report increased levels of confidence in their ability to teach all STEM subjects after using Makers Empire. Plus, Makers Empire is ideal for teaching the often neglected and overlooked 'E', i.e. Engineering, in STEM.

Resources and Support – Teachers are supported throughout the whole teaching year with comprehensive resources, guides and videos, and ongoing and timely support from our technical team.

Professional Development – With Makers Empire's pioneering professional development and training, teachers become confident teachers of Design Thinking, technologies and 3D design and printing.

Innovative Solutions for Schools

Makers Empire School Subscription

Makers Empire's award-winning School Subscriptions include:

- Easy to use Makers Empire 3D software
- Access to over 130+ curriculum aligned lesson plans
- Accredited professional development – with certification
- Access to the Teacher's Dashboard: organise classes, manage students' work and plan lessons.
- Ongoing support to help you successfully integrate 3D design and printing in your K-8 class

Makers Empire Printer Packages

Makers Empire Packages are excellent value and include our School Subscription together with:

- 3D printer(s)
- Premium PLA filament
- Hardware trainin14g
- Ongoing hardware support
- Shipping

Better Learning by **DESIGN**