

# Building Real-World Problem Solvers

MAY  
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“ Solving the worlds ‘wicked’ problems is in the hands of young people today. Discovering the authentic opportunities that exists for real people using human-centred design is at the heart of real-world problem solving. Based on critical analysis, a single solution is designed and tested out with end users, gathering feedback to iterate the solution. When learners take-action on their designed solution and reflect on the extent to which their solution delivers tangible benefits and outcomes, they understand the full extent to which they can create real-world change.”

**Future Learning Academy**

*Building Real-World Problem Solvers* is an online Professional Learning course for educators, designed to self-pace while being connected to an online Professional Learning community and Future Capabilities Facilitator. Educators will build capability in designing, evidencing and assessing Creativity by engaging with online learning and applying practical classroom strategies through the following;

**Module 1: Wicked Problems, Design Thinking & Future Capabilities**

**Module 2: Discovering real-world authentic problems to solve**

**Module 3: Using data and information to define a problem**

**Module 4: Ideating, designing and evaluating solutions**

**Module 5: Creating and testing out solutions and prototypes**

**Module 6: Taking action and reflecting on impact on the world**

Underpinning each online learning module is opportunities for deeper understanding, collaboration and practical application of learning and teaching strategies through Milestone Tasks. To support the implementation of new learning, 2 X 1 hour webinars are delivered by a Future Capabilities Facilitator. Each educator has the opportunity to receive the *Building Real-World Problem Solvers* micro-credential, by evidencing impact on student learning.

**Professional Learning Hours:** 12 – 15 hours

**Course Length:** 12 Weeks

