

Level up III - problem based learning

Presented by Sabreena Taylor



Add challenge and intrigue to lessons while teaching 21st C and higher order thinking skills such as problem solving, creativity and critical thinking.

Format: 1. Face to Face

Audience: Teachers K-10

Description

This course gives teachers the skills to develop differentiated learning and assessment through the discovery focussed strategies of problem based learning.

Additional notes about this format

Teaching Standards

2.1.2 Proficient Level - Content and teaching strategies of the teaching area

3.1.2 Proficient Level - Establish challenging learning goals

Are you in NSW? If so, this is relevant for you



Completing this course will contribute 6 hours of NSW Education Standards Authority (NESA) Registered PD addressing 2.1.2 & 3.1.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

TTA (Teacher Training Australia) is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient and Lead Level Teacher.

Occurrences

There are no occurrences of this format in Australia (NSW) at this time.

Sessions

Session 1: What is/is not problem based learning

1 hour

In this session we look at the features and benefits of, and differences between the various types of differentiated learning strategies:

- enquiry based learning
- problem based learning
- project based learning
- discovery learning
- experiential learning

Session 2: Programming and assessing problem based learning

1 hour

In this session we will look at choosing a suitable topic and the assessment - both process and product. Included are opportunities for emphasising higher order thinking and the importance of backward mapping.

Session 3: The problem solving process

1 hour

There are many different problem solving processes - from 3 to 15 steps. We'll look at some of the examples and develop one which will suit our classes.

Session 4: Scaffolding problem based learning

1 hour

In this session we'll look at some of the many scaffolds and graphic organisers which can be used throughout the problem solving process.

Session 5: Developing the problem solving lesson sequence

1 hour

This module covers setting up the resources for the students and planning the sequence of lessons. We will look at some sample lessons for inspiration.

Session 6: Assessing problem solving - Rubrics, reflection, evaluation

1 hour

There are a number of issues to investigate when assessing problem solving:

- Making the final presentation authentic
 - The balance between process, product and presentation
 - The balance between individual and group contributions
 - Peer and self assessment
 - Student reflection
 - Developing rubrics
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About the team



Sabreena Taylor

Creator

Sabreena has been a successful consultant with TTA since 2008. Her current roles include providing tailored professional learning and consultancy services in Instructional Practices Inventories (IPI - student cognitive engagement and higher order thinking), strategic planning, school evaluation, change management, classroom practice, ICT and History. In 2015 Sabreena traveled to the United States to train with IPI developer, Professor Emeritus Dr Jerry Valentine of the University of Missouri, and is now the only certified teacher trainer for IPIs in the Asia-Pacific region.

Sabreena is the Professional Learning Consultant- History/Civics and Citizenship as part of the quality assurance team at TTA. Sabreena has presented at both State and National conferences on topics such as user engagement in workplace online learning, augmented reality and using data in schools including Instructional Practices Inventories.

Sabreena's career in education has been varied, contributing at local, regional and State levels. In her 32 years in education Sabreena has been a head of History, regional Quality Teaching Consultant and Professional Learning and Leadership Coordinator with the Education Department of New South Wales.

Sabreena's work has included developing online learning, the implementation of the Australian Curriculum and designing and delivering a wide range of courses registered with the NSW Institute of Teachers. Sabreena was School Planning and Performance Advisor in the Learning, High Performance and Accountability directorate developing online solutions for effective school planning, monitoring, evaluation and reporting.

Sabreena has been able to feed her passion for all things History through forming networks of History teachers, Ancient History HSC marking, developing ICT History resources and, of course, travel. Sabreena has also been Head judge during the standards setting process for the Ancient History HSC.



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Please note, by submitting this enrolment form you are confirming that you have been given financial approval by your employer to attend this course. Cancellation advice should be given in writing 7 days before the commencement of this course.

Product: Level up III - problem based learning

Occurrence Date:

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