Cognitive Architecture

rethinking thinking

COGNITIVE LOAD THEORY

& ROSENSHINE'S PRINCIPLES OF INSTRUCTION

Dylan Wiliam famously tweeted that 'Cognitive Load Theory is the single most important thing for teachers to know'. Yet, many are still confused about how it should be applied in their classroom.

This course guides you through the key elements of Cognitive Load Theory with practical examples using Rosenshine's Principles of Instruction to facilitate planning for better learning.

KEY KNOWLEDGE

IN PRACTICE

ONGOING SUPPORT

COST $349+GST

FOR MORE INFORMATION CALL +61 498 642 192

admin@cognitivearchitecture.com.au www.cognitivearchitecture.com.au

COGNITIVE LOAD THEORY & ROSENSHINE'S PRINCIPLES

COGNITIVE LOAD THEORY

Many teachers are unclear about the interpretation of **cognitive load theory** to classroom practice. How can an understanding of working memory help teachers optimise learning and, more to the point, how do we manage cognitive load during the learning process?

This course explores **cognitive load theory** and presents a model for human cognitive architecture that allows you to plan effective teaching activities that carefully manage cognitive load. You will learn to present information at a pace and level of complexity that the learner can fully understand. We'll take a closer look at **Rosenshine's principles of instruction** to help scaffold our understanding.

This course is for anyone who wants to know more about **cognitive load theory** and **Rosenshine's principles of instruction** in schools at the primary or secondary level.

By the end of the course you will:

- be able to identify different types of cognitive load and plan for efficient use of working memory;
- understand how to optimise learning by managing cognitive load;
- be able to apply the theory to your own area of expertise;
- have a broad understanding of **Rosenshine's principles of instruction**;
- be confident to apply **cognitive load theory** in instructional design**.**

Ongoing online support is offered via our **Moodle LMS** with additional resources, an open forum to discuss ideas, and access to expert help.

Facilitator: **Tim Smith**

Tim began teaching in the UK before moving to Australia in 2008. He has held positions of leadership in schools and has advised on policy and curriculum reform in science education.

Immediately prior to moving to Australia, Tim worked as the Director of Specialist Science Status at Nonsuch High School for Girls where he collaborated with the National Science Learning Centre to develop regional centres of excellence in teacher professional development. In 2005, Tim was awarded the prestigious Einstein Year Bursary for his work on 'Girls into Physics'.

A physics graduate from Swansea University, Tim also holds postgraduate qualifications from Cambridge University and the Institute of Education in London. He is in the final stages of his doctoral studies at The University of Queensland. He has presented at conferences in the UK, Australia and the USA and is the co-ordinator of Thinking Science in Queensland.

1 day (6 hour) training event with ongoing online support:

Townsville, 3 Sept. 2021 I Brisbane, 10 Sept. 2021 I Carins, 15 Oct. 2021

$349+GST per person (Earlybird $299+GST until 30 June)

REGISTER NOW ONLINE or Complete form below

COGNITIVE LOAD THEORY & ROSENSHINE'S PRINCIPLES

Professional Learning Registration Form (or Online)

I / we would like to register for **COGNITIVE LOAD THEORY & ROSENSHINE'S PRINCIPLES**

I / we will be attending the professional learning event in:

☐ **Townsville, QLD** on **Friday 3 September 2021, 9 am - 3 pm** at **Co. Habitat, South Townsville.**

☐ **Brisbane, QLD** on **Friday 10 September 2021, 9 am - 3 pm** at **Hillbrook Anglican School, Enoggera.**

☐ **Cairns, QLD** on **Friday 15 October 2021, 9 am - 3 pm** at **St Mary's Cathlolic College, Woree.**

Registration closes: 3 days before event

☐ I / we enclose payment of **$349 +GST** per delegate (**Earlybird $299 +GST** ends 30 June), **or**

☐ Please send me/us a Tax Invoice (A confirmation will be issued when payment is received).

Name of attendee	**Mobile**	**Email Address**

School:	
Address:	
Phone:	
Accounts department contact:	
Purchase order number (If needed):	

Return to:

admin@cognitivearchitecture.com.au

Cognitive Architecture

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Annandale

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