



Bonsai Thinking™

Cultivating Learning, Unlearning & Relearning in the 21st Century

Presented by Neurocomb25 Lab



Duration: 3 Hours



Capacity: 25 Teachers



Level: All Educators



Format: Interactive Workshop



Learning Objectives

- 🎯 Understand the 3D framework of learning: Life-Long, Life-Deep, and Life-Wide learning
- 🎯 Apply the Bonsai Method (watering, pruning, wiring) to classroom practice
- 🎯 Integrate neuroscience, happiness studies, and futures thinking into teaching
- 🎯 Design learning environments that promote adaptive thinking
- 🎯 Develop strategies for helping students learn, unlearn, and relearn effectively
- 🎯 Create action plans for implementing Bonsai Thinking in your context



Session Outline

9:00 - 9:30 AM (30 mins)



Welcome & Context Setting

Introduction to the AI era challenges and why traditional learning isn't enough

- Icebreaker: "Learning challenge you're facing"
- Quick poll: Current teaching approaches
- Toffler quote discussion

9:30 - 10:30 AM (60 mins)



The Bonsai Metaphor & 3D Framework

Deep dive into why bonsai cultivation mirrors effective learning

- Interactive presentation: Bonsai principles
- Small group exploration: 1D, 2D, 3D learning
- Mapping exercise: Your current 3D approach

10:30 - 10:45 AM (15 mins)



Break

Networking and reflection time

10:45 - 11:45 AM (60 mins)



The Bonsai Method in Action

Hands-on exploration of watering, pruning, and wiring techniques

- Station 1: Watering & Fertilizing (Neuroscience applications)
- Station 2: Pruning (Happiness studies applications)
- Station 3: Wiring & Positioning (Futures thinking)

11:45 AM - 12:45 PM (60 mins)



Practical Implementation

Designing your Bonsai Thinking classroom approach

- Case study analysis
- Lesson planning workshop
- Peer feedback sessions

12:45 - 1:00 PM (15 mins)



Action Planning & Next Steps

Creating your personal implementation roadmap

- Individual reflection and goal setting
- Resource sharing
- Follow-up support discussion

The 3D Framework Explained

Three Dimensions of Learning



1D - Life-Long Learning

Continuous growth within contextual constraints, like a bonsai planted in its container



2D - Life-Deep Learning

Strategic unlearning and knowledge refinement through deliberate pruning



3D - Life-Wide Learning

Environmental optimization for perspective-gaining and novel insights



Interactive Activities

Hands-On Learning Experiences



Watering Station

Explore metacognitive strategies and brain-healthy learning practices. Design activities that build executive functioning and growth mindset in your students.



Pruning Workshop

Identify what needs to be "unlearned" in your teaching practice. Examine barriers to student wellbeing and psychological safety.



Wiring Lab

Practice futures literacy techniques and systems thinking approaches. Design learning environments that promote innovation and adaptation.



Reflection & Discussion

Key Questions for Professional Growth

Personal Reflection

What teaching practices might need "pruning" to make room for new approaches? How can you model learning, unlearning, and relearning for your students?

Environmental Design

How can you optimize your classroom environment for deeper learning? What "controlled conditions" could enhance student growth?

Student Impact

How can you help students develop meta-skills for lifelong learning? What would success look like in your Bonsai Thinking classroom?

School Culture

How might Bonsai Thinking principles transform your school's approach to professional development and student support?

✨ Key Takeaways



Neuroscience Integration

Practical strategies for brain-healthy learning environments



Wellbeing Focus

Tools for promoting happiness and psychological safety



Future-Ready Skills

Futures literacy and systems thinking approaches



Action Plan

Personalized roadmap for implementation



Continue Your Learning Journey

This CPD session is based on cutting-edge research from Neurocomb25 Lab in educational neuroscience, happiness studies, and futures thinking.



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Follow-up resources available

"Just as a bonsai master tends to their tree with patience and intention, we tend to our students' growth with purposeful care."

- Neurocomb25 Lab