



Supporting Teachers to Foster Creativity and Critical Thinking:

Draft professional learning framework

Creativity in Education Summit
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Your best professional learning experience?

- Turn and talk to you neighbour for a few minutes
- Describe your best experience of professional learning, in any sector
- What are three words that describe why it was a positive experience for you?



Words describing best professional learning experiences

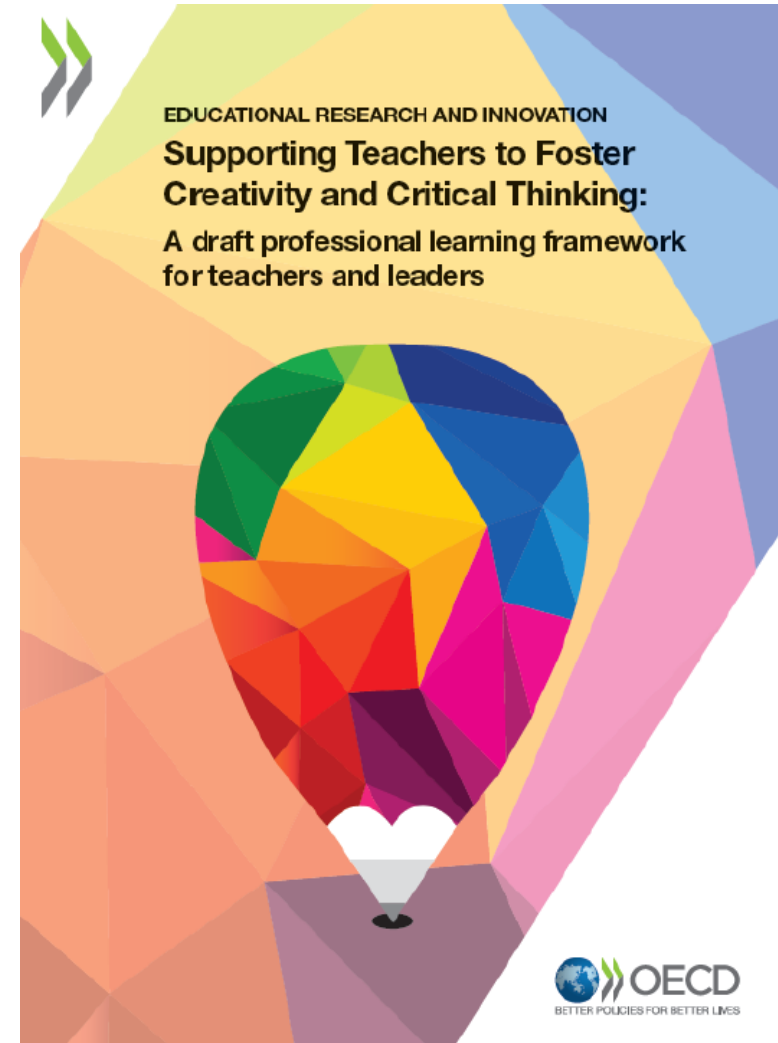
- INSPIRING
- USING EMPATHY
- IMMERSION
- INTERACTION
- IRRELEVANT
- DIVERSITY
- REFLECTION
- COLLABORATIVE
- FULFILLING
- PRACTICAL
- INTENTIONAL





Why a professional learning framework for fostering creativity and critical thinking?

- Supporting teachers
- Exploring what it looks like in the classroom
- Addressing barriers
- Making resources more helpful
- Drawing on learnings
- Basis of online course?
- Framework = adaptable, customisable, conceptual fidelity to OECD rubrics





Using the project's pedagogical resources and app – www.oecdcericct.com



My lesson plans

Review and adapt examples of teaching activities to foster subject knowledge and creativity or critical thinking



My Professional Learning

Complete and reflect on professional learning activities to strengthen your approach to fostering and assessing creativity and critical thinking



My rubrics

Identify, assess or observe the main dimensions of creativity and critical thinking



My higher education materials

Review and adapt examples of teaching and assessment practices to foster subject knowledge and creativity or critical thinking in higher education



My Activity

Use some blank templates to design your own resources



My Conferences

View talks and presentations from OECD events related to creativity and critical thinking



My Library

Access a collection of media and print resources related to creativity and critical thinking



My Surveys

Contribute to international research by documenting your teaching for creativity and critical thinking





App also provides easy access to professional learning activities

- Individual activities on app
- For workshops or self-study
- Establishing shared understanding as a pre-cursor

My Professional Learning

[Home](#) > [My Professional Learning](#) > [Course details](#)

Why does creativity matter to students, to me and society

Title : Why does creativity matter ...

Objective : To support participants to explore their aspirations for their students and any links to creativity.

Type: concepts, learning design

Duration : 1h 30m

1

Description

2

Reflection questions

3

Rationale, alternatives and expectations

4

Useful resources

5

Facilitation guide

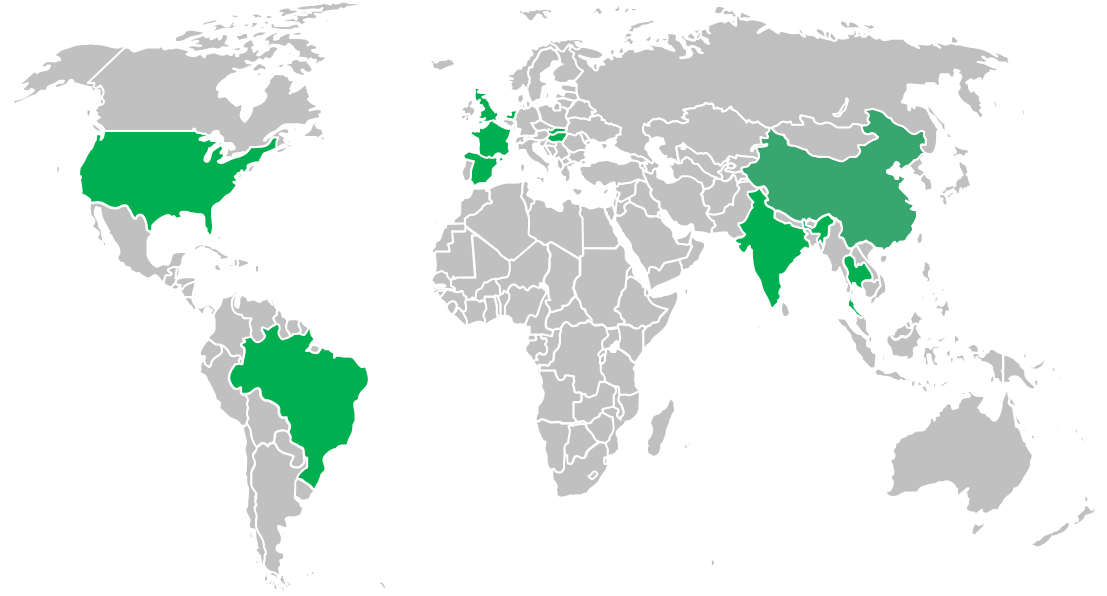


Designed with certain principles in mind



The challenge of working across countries

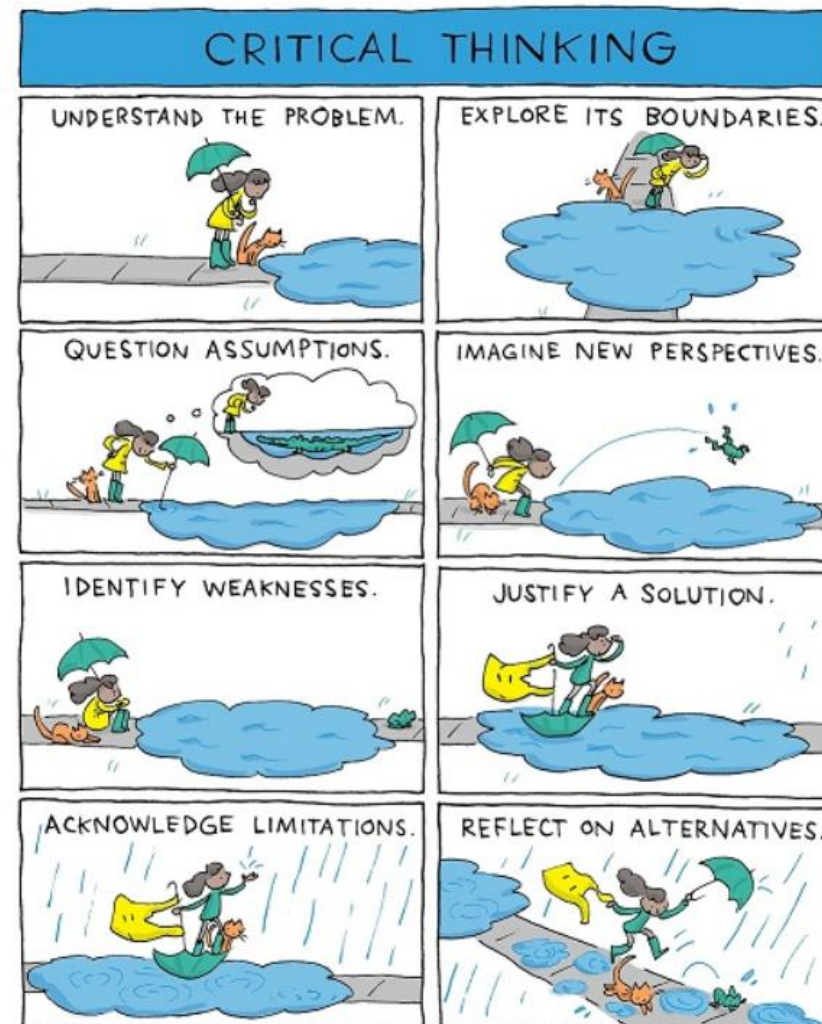
- Traditions of teaching and learning
- Expectations about professional learning
- Balance between content delivery and discussion
- Different curricula
- Different levels of focus on creativity / critical thinking
- Implementation to help learn and improve
- Inform facilitation guides and handouts



A DRAFT framework: iterative improvements after implementation



GRANT SNIDER for OECD/CERI



GRANT SNIDER for OECD/CERI



A flexible toolkit: activities over 10 adaptable modules

Introduction -
concepts
(_{x2})

Planning and
learning design
(_{x2})

Institution-
wide
(_{x1})

Teaching and
delivery
(_{x2})

Assessment
(_{x2})

System-wide
(_{x1})





Does not need to be implemented in its entirety (although it could be)

Creativity OR critical thinking

- Individual activities
- Shorter pathways (combined modules)
- Individual modules (1-day or more)
- All 4 modules

Both creativity and critical thinking

- Combined activities or modules
- Half – whole day learning pathways
- All 8 modules



Disciplines and educational levels

- Not possible to cover every discipline
- BUT example lesson plans from different disciplines and levels
- Starts from participant teaching context
- Same or multi-disciplinary groups
- Possibilities for further adaptation

Discover the sounds of your school

Primary: (ages 7 – 11)

Music

Science (earth science; environmental science)

Fungi and environment

Level : Secondary

How happy are we?

Primary: (ages 8 – 11)

Mathematics



Example activity: Spotting space for creativity

- Groups pick 1-2 example lesson plans
- Identify where creativity is fostered and why
- Discuss ideas to strengthen
- Consider another lesson plan that does not explicitly focus on creativity
- Identify and share 1-3 opportunities or amendments to increase creativity
- Reflection questions

SPOTTING
SPACE





Example activity: Classroom talk and critical thinking

- Presentation
- Pairs discuss teacher v. student talk in own teaching and why? In this learning experience?
- Groups discuss methods of making a “**linguistic profile**” of their teaching (e.g. counting statements, instructions, open and closed questions)
- Implement the plan back at school, reflect on results
- Discuss what you learned about your teaching and any changes you plan as a result

CLASSROOM TALK





Monitoring participant learning

Learning journal

- Opening and closing reflections
- Reflection questions

Learning resources

- Lesson plans
- Assessments and rubrics etc.

Teaching portfolio

- Micro-teaching videos
- Statement of teaching philosophy

Student portfolio

- Examples of student work





Facilitation guides and highlighting “meta-moments”

- Guides provided for some activities
 - Content to cover
 - Overcoming potential challenges
- To be expanded after implementation
- Meta-moments: How does this learning experience reflect (or not!) what I aim for in my own teaching?



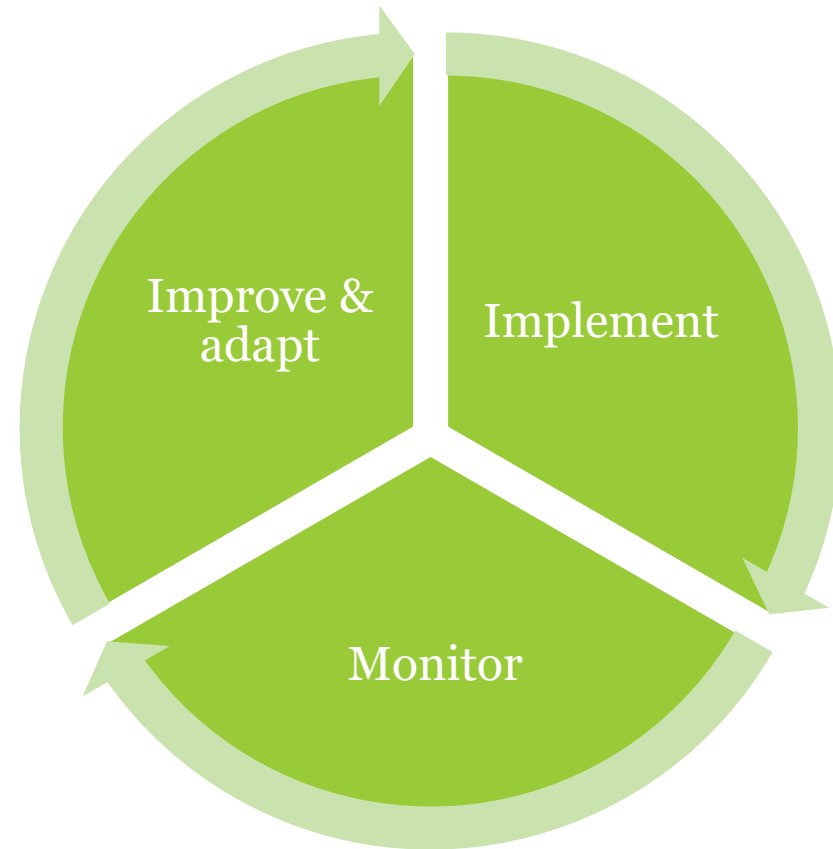


Adaptation, implementation, monitoring and improvement

Adaptation:

e.g. language, examples, curricula, structure
versus openness, local issues and partners

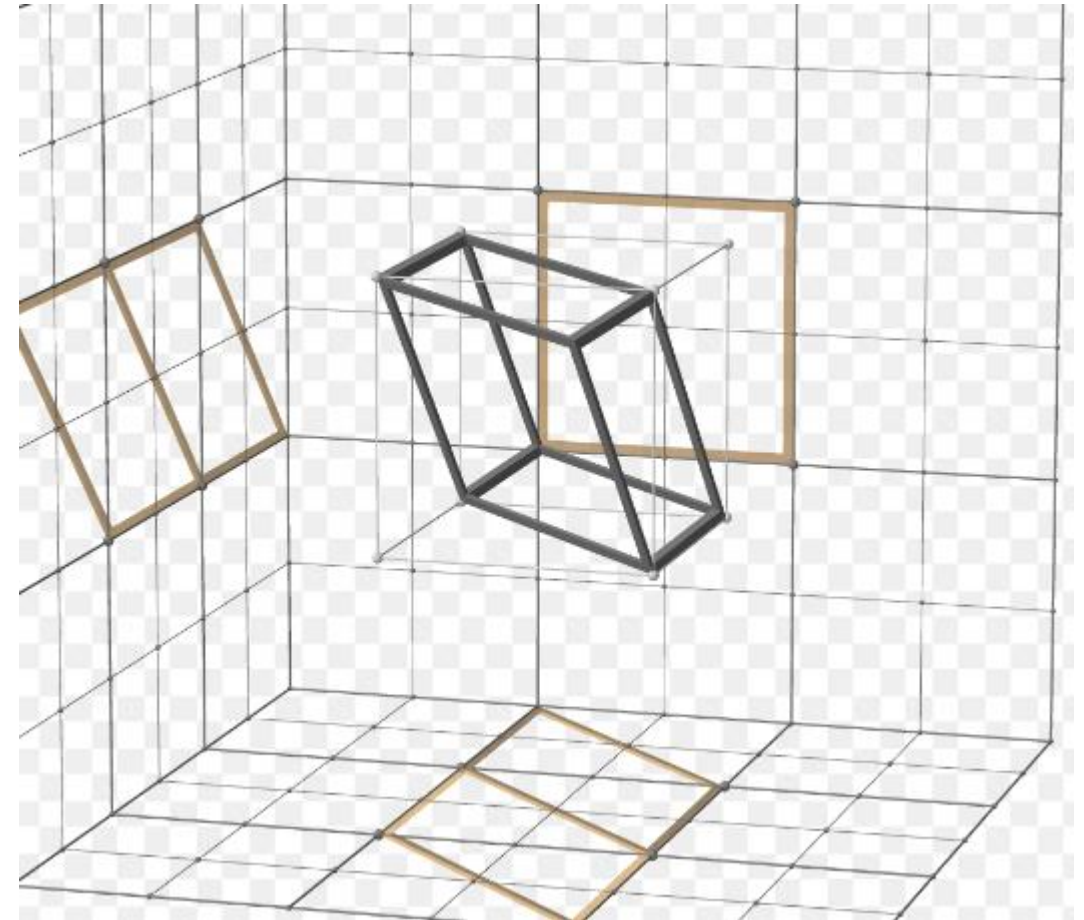
- Monitoring instrument will be on app
- Learning communities and discussion
- Growing and improving



What revisions have already been made?

- More creative and critical pedagogies (where possible and relevant)
- Attention to equity and inclusion
- More differentiation between creativity and critical thinking modules
- More examples
- Suggestions for more & shorter pathways
- More attention to creating shared understanding
- Adding facilitation guides

WITH MORE TO COME!





Thank you!

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The draft professional learning framework can be found [here](#)