



Queensland Academy for Creative Industries Year of Creativity Creative Challenge Overview

Design the Learning Space of the Future

Do you teach students in Years five to 12?
Are you passionate about creative thinking and problem solving?
Would your students like to share their innovative ideas with
Queensland's Innovator in Residence, Professor Carlo Ratti?

Join our Creative Challenge!

What is the Challenge?

In the not too distant future our schools will be very different. We'll need to use more sustainable materials in our classrooms and outdoor areas, develop new solutions to our energy challenges and find new ways to integrate technology.

What solutions can your students develop to meet this challenge?

The NEXT BIG IDEA is an opportunity for your students to not only design the sustainable classroom of the future, but to pitch their ideas to leaders in the field of innovation.

They can consider approaches like:

- Using permaculture principles to transform classrooms
- Designing classrooms to display and share student work using real time technology
- Using eco-friendly materials like recycled bamboo to construct classroom furniture.

By developing one of these or any other idea, your class may have the opportunity to transform the 21st century classroom.

How do you participate?

- Ask your class to consider the discussion starters or *instigation points* below
- Decide on a topic for your NEXT BIG IDEA
- Complete the registration form
- Submit a three minute presentation, or pitch, outlining your class' ideas by July 16. (PDF, PowerPoint or pod cast).

What's the incentive?

Your presentation will be pitched to a team of industry professionals led by Professor Carlo Ratti from MIT (Massachusetts Institute of Technology www.carloratti.com).
The most innovative presentations will be posted on the QACI website.



Design the Learning Space of the Future

Consider the discussion starters or *instigation points* with your students

What is Creativity and Innovation?

Reference this excellent website to plot your progress
www.m1creativity.co.uk/tube/tube.htm

Consider ways of thinking and cooperating creatively

Think Creatively

- Use a wide range of idea creation techniques (such as brainstorming)
- Create new and worthwhile ideas (both incremental and radical concepts)
- Elaborate, refine, analyse and evaluate personal ideas in order to improve and maximise creative efforts

Work Creatively with Others

- Develop, implement and communicate new ideas to others effectively
- Be open and responsive to new and diverse perspectives; incorporate group input and feedback into the work
- Demonstrate originality and inventiveness in work and understand the real world limits to adopting new ideas
- View failure as an opportunity to learn; understand that creativity and innovation is a long-term, cyclical process of small successes and frequent mistakes

Implement Innovations

Act on creative ideas to make a tangible and useful contribution to the field in which the innovation will occur.

Ask Essential Questions

How do our students define, measure and appreciate our learning spaces? Are material possessions increasingly used as criteria for a well equipped school? How will the learning spaces need to be different?

Guiding Questions

How do you determine the quality of your learning space now and into the future?

Is money the main determinant of the quality of the spaces? Given the global resources crisis, how can we be more sustainable in this area?

What does the quality of your learning space effect – your modes, your ability to concentrate?

Does everyone's learning space need to be the same? What about digital and virtual learning spaces and real time interactivity?

Preparing the Pitch

Face the Challenge.....here are some ideas to get started

- K&W: Students must determine what they already Know, and what they Want to know about learning spaces and ecologies' quality before starting the challenge.
- Students create a concept map to illustrate their personal and group criteria for this particular pitch.
- Take a walk, excursion, or talk to people in your community.
- Gather Data: Conduct a survey of family and friends to determine the most popular criteria for judging future savvy learning spaces. What are the most popular indicators? Are there observable trends?

Finalise the Pitch

Develop a three minute presentation of that that can be pitched to a team of industry professionals for feedback. It may be a PDF, PowerPoint or multi media presentation such as a podcast.

There is only one criteria Innovation !!!!!

Long Term Outcomes

At the end of this process, students will be aware of how they can influence learning spaces and how to make informed decisions to improve our world. Empowered with this knowledge, the hope is that students will undertake authentic, self-directed changes to their own actions - as well as to influence others' actions - to improve the quality of learning spaces in the future.

Good luck and we look forward to receiving your pitch!