

21st Century Learning Skills @ Hurstville Public School

Education Week Term 3 2015

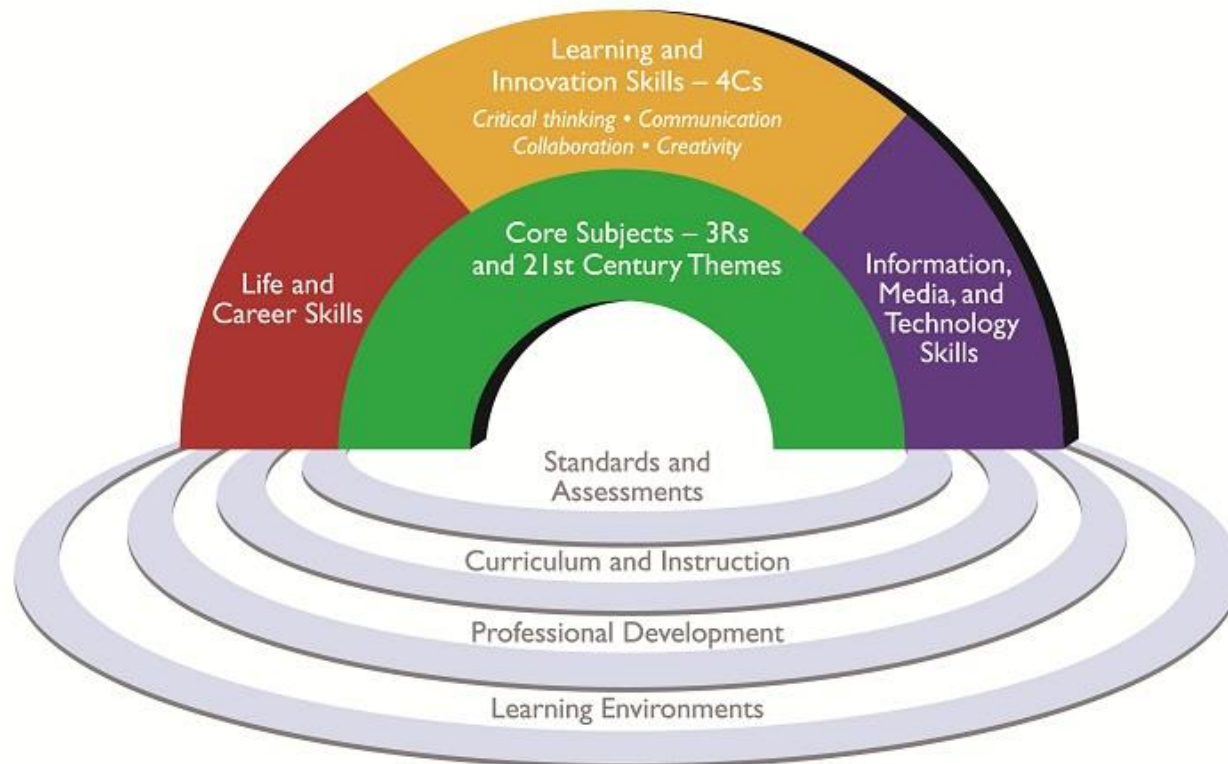
21st Century Learning Skills.

Promoting an understanding of academic content at much higher levels.

- **Learning and Innovation Skills (the 4 Cs as endorsed by DEC- Bruniges, DG, 2012)**
 - Collaboration
 - Critical Thinking
 - Creativity
 - Communication
- “There is a greater need for “**imagination, creativity and collaboration** as societies become more knowledge-based” (UNESCO, 2006)
- **Information Media and Technology Skills:** ICT, Civic & Health literacy
- **Life and Career Skills:** Adaptability, Self direction, cross-cultural skills etc

21st Century Student Outcomes & Support Systems.

21st Century Student Outcomes and Support Systems



Partnership for 21st Century Skills: Framework for 21st Century Learning

Link to NSW Syllabus for Australian Curriculum

“Responding to the challenges of the twenty-first century – with its complex environmental, social and economic pressures – requires young people to be **creative, innovative, enterprising and adaptable, with the motivation, confidence and skills to use critical and creative thinking purposefully**” (ACARA, 2013)

General Capability of Critical and Creative Thinking (ACARA, 2013)

- “Activities that foster critical and creative thinking should include both **independent** and **collaborative tasks**....challenge [students] to **think logically**, reason, be **open-minded**, seek **alternatives**, **tolerate ambiguity**, inquire into **possibilities**, be **innovative risk-takers** and use their **imagination**”
- Aligns within the English syllabus:
 - **Objective C:** Thinking imaginatively, creatively, interpretively and critically
 - **Objective D:** students express themselves and their relationships with others and their world.
 - **Objective E:** Students learn and reflect on their learning through their study of English.

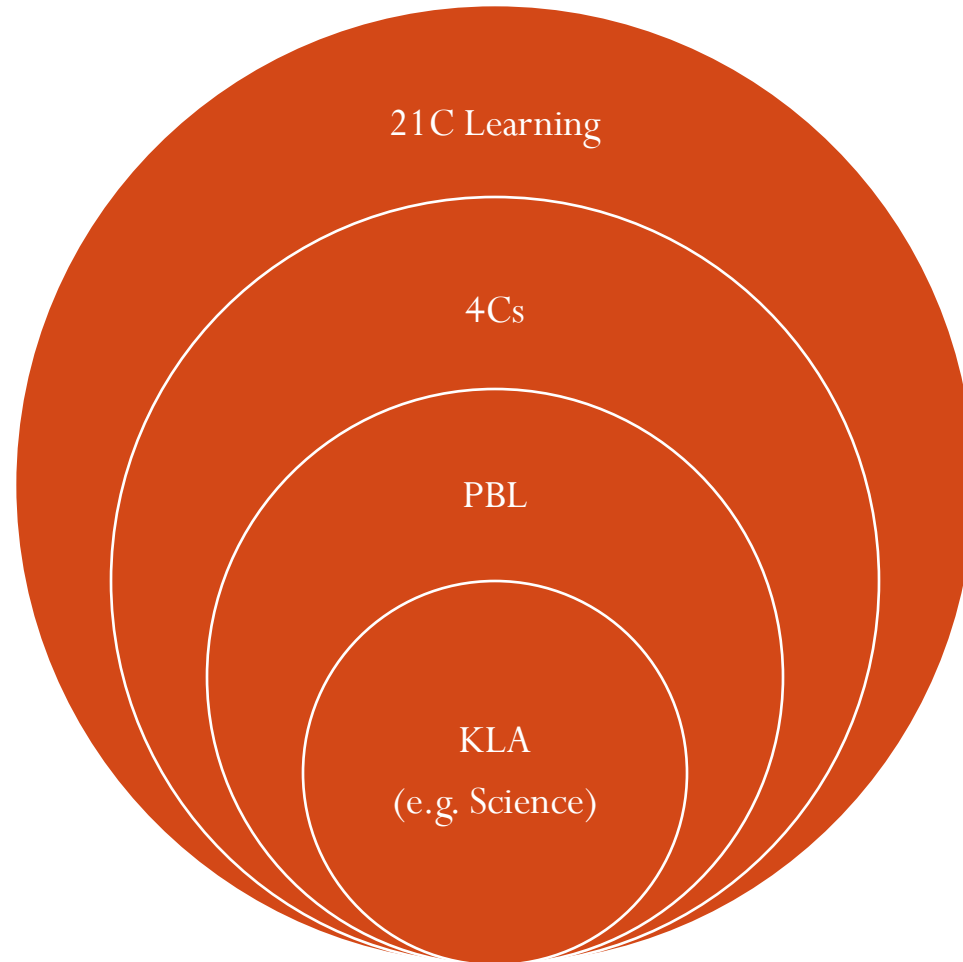
21st Century Video

- [21st Century Learning](#)
- <https://www.youtube.com/watch?v=BYMd-7Ng9Y8>

Hurstville's School Plan incorporates 21st Century Learning Skills

- Hurstville school plan incorporates 21st Century Learning skills in order to improve academic outcomes
- Specifically the 4 Cs (**Collaboration, Creativity, Critical Thinking and Communication**)
- Knowledge and application to develop understanding
 - “How do we use this knowledge?”
 - “How do I apply what I know to build on my understanding and create new knowledge?”
- Using Project Based Learning (PBL) as a vehicle to incorporate the 4Cs

The purpose of the 4 Cs



Project Based Learning Video

- [PBL in the classroom](#)
- <https://www.youtube.com/watch?v=LMCZvGesRz8>

Term 2 K-6 Driving questions

- **Kindy - How do objects move? (Supporting Qu; What does move mean? How do objects move?**
- **Yr 1 - How do living things change and survive in built and natural environments?**
- **Yr2 -What is the design of our school and how can we modify the design to enhance our daily school life?**
- **Yr 3 – You are the managers of a National Park. What are the top 3 problems at your park and how will you manage them?**
- **Yr 4 - How can media be used to improve the communication of Road Safety within our school community?**
- **Yr 5 & 6 - How can animals and plants adapt to suit a changing environment?**

Project Based Learning Assessment Rubric



Term 2 Science Unit: Adaptation

Group:

<i>Followed appropriate inquiry process</i>	No evidence is available showing that we followed the correct inquiry process 0	Little evidence is available showing that we followed the correct inquiry process. 5	Some evidence is available showing that we followed most of the correct inquiry process 15	Evidence is available showing that we followed the correct inquiry process. This includes, note-taking on a graphic organiser, drafting information into paragraphs, storyboarding and presenting my information 30
<i>Quality of research (what we found out)</i>	Little information given / is difficult to understand 5	Some information given 10	Good information that answers most of the fat question 15	Excellent information that answers the question fully and in a logical order 20
<i>Quality of presentation (how well we shared what we found out)</i>	Oral presentation not presented clearly Visual work not presented clearly Multimedia work not presented clearly 0	Some of oral presentation articulated clearly Some of visual work presented clearly Some of multimedia work presented clearly 5	Oral presentation mostly articulated clearly Visual work mostly presented clearly Multimedia work mostly presented clearly 15	Oral presentation 'articulated clearly in our own words, with correct posture, clear speaking (not reading) and good volume Visual presentation gives information in our own words, is neat, legible, attractive with correct spelling Multimedia presentation given in our own words, easy to view with clear information, correct spelling and attractive layout 20
<i>How we used 'extras' to make my presentation richer</i>	Sequence and layout used poorly / hasn't added to the quality of the presentation 0	Sequence and layout needs improvement in some areas 5	Sequence and layout mostly used well 10	Sequence and layout (headings / sub headings / diagrams / props / pictures / labels / extras) add to the quality of the presentation 15
<i>Resources we used</i>	No bibliography presented 0	Bibliography shows few sources used 1	Bibliography shows some sources have been used 3	Bibliography shows that information comes from a variety of sources 5
<i>WOW factor</i>	Nothing extra that could be called 'wow' 0		Just a little bit of a WOW factor 3	You've surprised the teachers by adding something extra that makes us go 'WOW!' 10