MacICT
Macquarie ICT Innovations Centre

NSW Education & Communities   MACQUARIE UNIVERSITY

CC 21 PROJECT PLAN | Regentville Public School

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Project Team Members

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Innovation

This project explores a range of Literacy Apps for iPads that support both the teaching and learning with an emphasis on our Focus on Reading strategies. The apps support teachers in the delivery of curricula, teaching with 21st applications and skills and supporting student learning and assessment. Several sharing apps such as Google Drive, Drop Box and NearPod allow teachers to share information and work collaboratively with both their colleagues and students. This project addresses the NSW Syllabuses for the Australian Curriculum: English and, in particular, the syllabus content associated with the Reading and Viewing (Objective A) and Thinking imaginatively, creatively, interpretively and critically (Objective C) with the intended outcomes:

Reading and Viewing

- *EN1-4A: A student draws on an increasing range of skills and strategies to fluently read, view and comprehend a range of texts on less familiar topics in different media and technologies. (NSW BOS 2012)*

- *EN2-4A: A student uses an increasing range of skills, strategies and knowledge to fluently read, view and topics in different media and technologies. (NSW BOS, 2012)*

- *EN3-3A: A student uses an integrated range of skills, strategies and knowledge to read, view and a wide range of texts in different media and technologies. (NSW BOS, 2012)*

Thinking imaginatively, creatively, interpretively and critically

- *EN1-10C: A student thinks imaginatively and creatively bout familiar topics, ideas and texts when responding to and composing texts.(NSW BOS, 2012)*

- *EN2-10C: A student imaginatively, creatively and interpretively about information, ideas and texts when responding to and composing texts. (NSW BOS, 2012)*

- *EN3-7C: A student thinks imaginatively, creatively, interpretively and critically about information and ideas and identifies connection between texts when responding to and composing texts.(NSW BOS, 2012)*

The project focus:

- *Use of technology to implement and assess (evaluate) teaching and learning within the Focus on Reading program (F.o.R).*

- *Use of iPads and selected apps to support and implement the F.o.R strategies and Literacy within the Australian Curriculum.*

- *Use of iPads to engage and assist students in ascertaining opportunities as 21st Century learners and as independent learners.*

*By the end of this project students will be able to independently use apps to apply the **F.o.R** strategies in reading and reading comprehension. Teachers will be able view and apply the best suited apps to teach **F.o.R** skills and effectively use iPads for teaching and assessment purposes. The iPads will also allow teachers to collaboratively plan and assess to meet the needs of 21st Century learners.*

The proposed outcomes of this project:

Strategically use ICT to enhance teaching and learning opportunities.

- *Students and teachers acquire and enhance their ICT skills to further develop them as 21st Century learners.*

*Ultimately, this project endeavours to create Professional Learning opportunities for all teachers across our **Community of Schools** in being able to share best teaching practice in incorporating ICT skills into the 21st Century classroom.*

Project Introduction

This CC21 Action Research Project for Regentville Public School has taken two directions with the key emphasis on **'Focus on Reading'** (with the concentration on technology within our school and how we can enhance this to promote both teaching and learning experiences for staff and students.

Project Outline

We decided that our project would be based on our context with our current plans with **Focus on Reading (F.O.R).**

The first direction of our project is **the Community of Schools Project** and the designing of a web page that allows local schools to share professional learning, knowledge and expertise across Key Learning Areas.

The second direction of the project is focusing on student engagement and learning opportunities with the implementation of iPads and selected apps emphasising the (F.o.R) strategies which are embedded into our teaching and learning practices.

We had an EOI for teachers and their classes to become a part of this action research project. From their **EOI applications we selected four teachers and their classes.**

Focus groups (classes):

Stage 1 (Year 2 class)

Stage 2 (Year 4 class)

Stage 3 (Year 5 and Year 6 - team teaching emphasis).

Rationale

Outline the rationale behind why you have chosen this particular innovation

The rationale for our project is based on current practices and directions within our schools. Regentville **Public School** and **our Community of Schools** team are currently working closely together to form a **Learning Alliance** that enables colleagues from local schools to:

- share professional knowledge and expertise
- to empower knowledge and practice for both teachers and students as learners with ICT
- Incorporate ICT into the classroom as everyday practice and routine.
- Focus on integrating ICT into the curriculum, using it as a tool for enhancing and engaging teaching and learning.
- This project will enable our school to create partnerships with staff and our Community of Schools to further develop and refine their teaching practices in incorporating ICT skills into the classroom and through the Australian Curriculum.
- This project will give each staff member an opportunity to enhance their understanding of Quality Teaching and ICT in their classrooms and in teaching 21st Century learning in an engaging and interactive environment.
- Preparing students for the future and ensuring that our school has a focus in fostering collaboration and partnerships in learning amongst the staff, students and wider school community including our Community of Schools.

Our focus for our action research project identified that many colleagues were willing to use iPads in their classrooms, although wanted some professional development in implementing iPads with a particular focus. Many teachers felt that the iPads already in classrooms did not greatly benefit primary classroom engagement with the apps that were available.

Teachers expressed a necessity for a more succinct set of apps for iPads that could be used to support both teaching and learning within the classroom.

We believe this project is a great opportunity for teachers to share their professional knowledge and skill to ensure that all staff have an ongoing opportunity to learn new skills and Quality Teaching practices as educators in a shifting and ever changing world of technology and in giving engaging and purposeful opportunities for the 21st Century learner.

Area of Application (Planning, Programming, Teaching, Learning, Assessment)

Area of Application

We have ordered 18 iPads for a focus group of three classrooms. Five iPads will be for student use within the classroom and one iPad for the teacher to collect information and data in regards to the iPad apps, teaching and student learning opportunities. Selected apps are to be trialed and hopefully, we will have a collection of apps that will support teaching and learning within the classroom.

We have also ordered three (WAPs) Wireless Access Points to support the use of these apps. We would like one to be permanently set up in the library to support Professional Development, Teaching and Learning within our school.

Project focus:

- Use of technology to implement and assess (evaluate) teaching and learning within the Focus on Reading program (F.o.R).
- Use of iPads and selected apps to support and implement the (F.o.R) strategies and Literacy within the Australian Curriculum.
- Use of iPads to engage and assist students in ascertaining opportunities as 21st Century learners and as independent learners.

Goals of this project:

- Teachers confidently plan for and include digital tools (ICT skills) in their programming.
- Teacher effectively use iPads and apps as part of their assessment and evaluation
- Students are engaged in meaningful learning and are exposed to new learning opportunities that encompass independence and important skills as 21st Century learners.
- Student outcomes in reading and comprehension skills are improved with the implementation of
- Support and guide best teacher practice within classrooms and in effectively implementing the Australian Curriculum into our school.

Project Timeline (please include key milestones which are deliverable)

DATE	TASK	Team Member(s) Responsible
E.g. Term 1, Week 8	E.g. Teachers complete PL in the use of software. PL will involve teachers completing a similar assessment task to that set for students. (T)	
Term 1	Teacher's commence Phase 2 Focus on Reading	Corinna Robertson
Term 1	Action Research Project decided and planning begins Ordering of iPads etc. Researching best apps for project.	Donna Farran-McKee David Bamford
Term 1	Community of School representatives meet to plan webpage	Corinna Robertson (RPS) Community of Schools Representatives
Term 2 Week 1 (SDD 2)	Community of Schools In-service 'Australian Curriculum – English' (unpacking of the English syllabus)	Corinna Robertson RPS Community of School Representatives
Term 2 Week 1	Preparation of iPads and apps takes place (downloading of selected apps)	Donna Farran-McKee
Term 2 Week 3	Staff meeting – Showcase the CC21 Project officially to all R.P.S staff. Send an EOI to staff for interest in the CC21 action research for R.P.S	Donna Farran-McKee David Bamford
	Review EOIs and select staff and their classes to become involved in the R.P.S CC21 Project	Donna Farran-McKee
	Meet with R.P.S project team to distribute resources (iPads etc and discuss the project in more detail.	Donna Farran-McKee
	Officially commence teacher and class participation for data collection.	Cat Price
Week 9	End of trail period (reflection on posted blogs and journey)	Emily Warne Rebecca Palmer Rachel Sellen
	Prepare presentation from data collected for CC21 Project	Donna Farran-McKee David Bamford

Proposed Budget

Item	Cost (ex GST)
18 iPads	$ 6431.40
18 iPad covers	$ 315.00
3 security cases	$ 188.86
3 wireless access points	$ 1077.00
iTunes Card	$ 100.00
2 Staff release days (Webpage design)	$ 830.00
1 Apple TV	$ 98.10
1 HD cable	$ 71.96
Wireless apple keyboard and mouse	*$ 135.00*
3 VGA cables	$ 107.87
2 release days (CC21) meetings	$ 803.00
Total	$ 10 185.19

This does not include release days for the final CC21 presentation.