



Building the Education Revolution

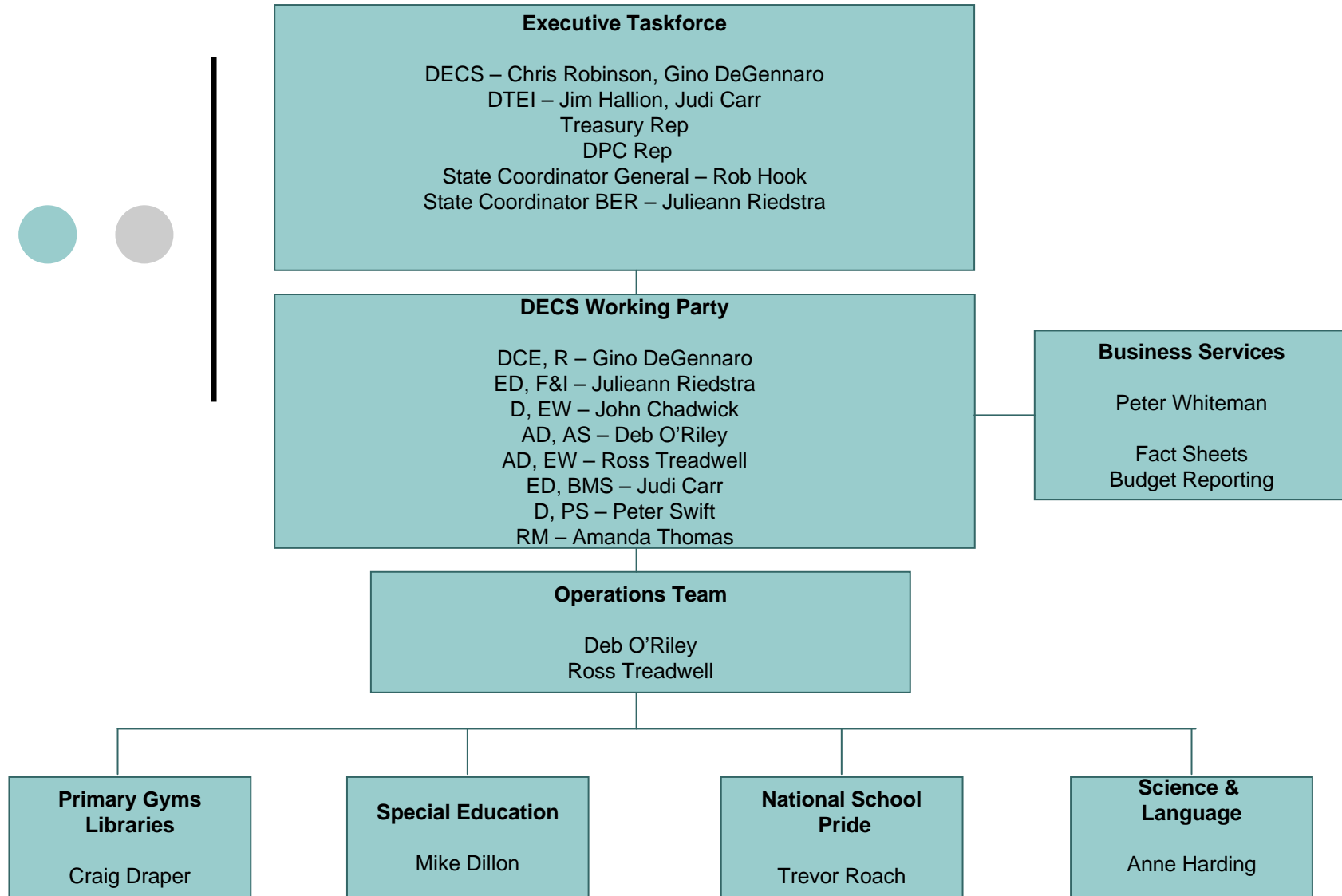
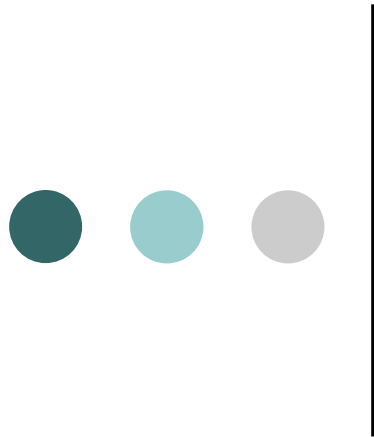




Agenda

- Governance
- Overview
- Learning for the 21st Century
- Linkage to Education Works
- Process
- Questions

Building the Education Revolution Taskforce Structure





Building the Education Revolution - Background

Primary Schools for the 21st Century:

- \$12.4 billion to build or renew large scale infrastructure in all primary schools, area schools, special schools and R-12s (primary component), across Australia including; libraries, halls & indoor sporting centres

Science & Language Centres for 21st Century Secondary Schools:

- \$1 billion to build up to 500 new science laboratories & language learning centres in secondary schools across Australia that can demonstrate both need and readiness and capacity to complete construction by 30 June 2010

National School Pride:

- \$1.3 billion to refurbish and renew existing infrastructure & build minor infrastructure in schools across Australia of up to \$200,000 subject to the size of the school.



Building the Education Revolution - Background

Primary Schools for the 21st Century:

- Priority will be given to the construction of
 - new libraries
 - new multipurpose halls
 - new classroom spaces (including the replacement of transportable buildings, DEMACs and SAMCONs)
 - refurbishment of libraries and halls
 - refurbishment of other facilities
- Funding entitlement will be based on a school's August 2008 census data.
- These projects will be managed via the Department of Transport, Energy & Infrastructure (DTEI).
- Funds will be administered corporately.



Building the Education Revolution - Background

Science and Language Centres for 21st Century Secondary Schools

- A competitive process will fund schools that can demonstrate the greatest need and a readiness and capacity to be able to build the facilities within the 2009-10 financial year.
- The Commonwealth will select the final schools to be funded from lists provided by each authority based on the Index of Disadvantage.



Building the Education Revolution - Background

National School Pride Program:

- Minor infrastructure projects / refurbish & renew existing infrastructure
- *All schools with an enrolment have been included;*
- 60% of projects will commence in the April/May 2009 and be completed by December 2009.
- 40% of projects will commence in July 2009 be completed by February 2010.
- Potential projects include:
 - Refurbishment of buildings;
 - Construction or upgrades of fixed shade structures, covered outdoor learning areas, sporting grounds and facilities;
 - Green upgrades (water tanks), insulation (but not air-conditioning or heating);
 - Specialised infrastructure support for students with disabilities or special needs;
 - Installation or purchase of ICT facilities and equipment which are not covered by any part of the Digital Education Revolution funding.
- These projects will be locally managed and schools may use their site's Facilities Manager to assist with management of BER funded projects



LEARNING FOR THE 21st CENTURY





LEARNING FOR THE 21st CENTURY

GUIDING PRINCIPLES

There are developing approaches to teaching and learning which provide guidance for the planning and design of good learning environments.

Education facilities must:

- Inspire the learning process
- Stimulate children's imagination
- Engage, challenge and arouse curiosity
- Reflect emerging technologies
- Enable programs to be delivered in flexible ways
- Meet environmental, security and maintenance requirements

Guiding Principles provide a framework in which to translate education needs into facilities.



LEARNING FOR THE 21st CENTURY

The physical environment is a powerful communicator to teachers and learners about their roles in the learning activity, their value, their potential and the importance of what they are learning.

GUIDING PRINCIPLES

- Community
- Presence
- The learning Spaces
- Catering for Change
- Connectivity
- Interactions
- Sustainability
- Technology
- Fixtures, Furniture and Equipment
- Safety and Security



For Australia to have a skilled, flexible and creative workforce in the future, our students will need to be:



- Creative
- Innovative
- Self Motivated
- Confident
- Well Educated
- Able to Work Collaboratively
- Able to See Change as both a Challenge and Opportunity
- Able to Deal with Risk and Uncertainty
- Able to Think Critically
- Have the Capacity to be Self-Directed and Interdependent Learners

LEARNING FOR THE 21st CENTURY

What has changed?

- Brain Research
- Understanding learners in the Early Years, Primary Years, Middle Years and Senior Years
- Learning Styles
- Teaching Styles
- SACSA
- Future SACE
- Compulsory age
- Ecological Sustainability
- Learning Technologies





PROFESSIONAL LEARNING

Key points to Quality Professional learning include:

- Quality professional learning is experiential and leads educators to rethink teaching and learning.
- Educators need to be willing to take risks and try out new ideas & Educators who see themselves as learners
- Educators need their own community of professionals within which they can raise questions, share problems, and examine their practice.
- The most effective professional learning activities are those that originate with problems educators have.
- The more professionally engaged educators are, the more engaged their students are likely to be.



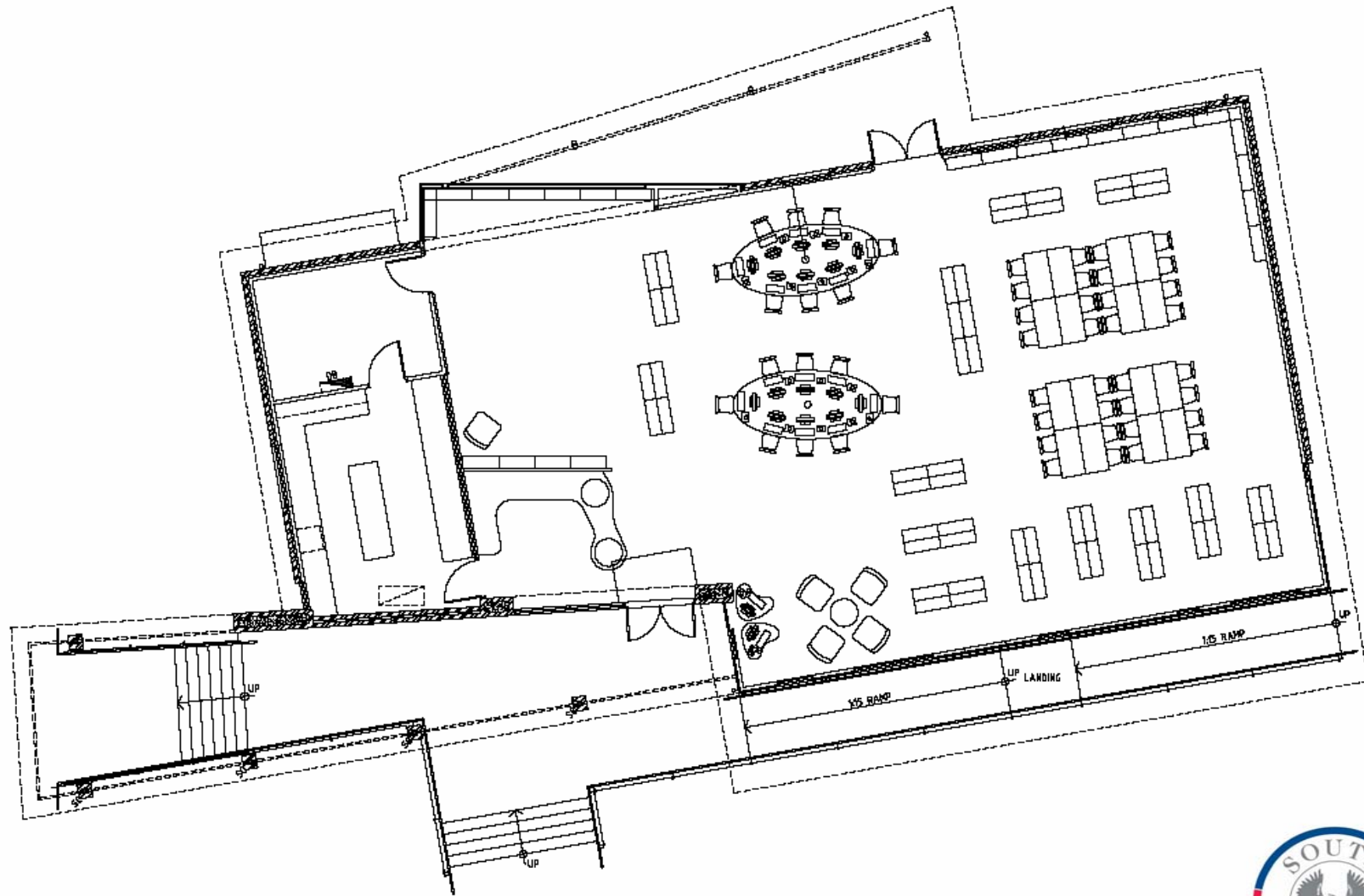
DESIGN TO TRANSFORM FACILITIES

What are the design implications?

- Buildings that suit all ages of learners
- Flexible learning settings
- Linkages between indoor and outdoor spaces
- Support for ICT anywhere, anytime
- Respect for the local natural environment
- Environmentally sustainable facilities

LEARNING FOR THE 21st CENTURY— LIBRARIES





LEARNING FOR THE 21st CENTURY – LIBRARIES



LEARNING FOR THE 21st CENTURY – LIBRARIES



LEARNING FOR THE 21st CENTURY –
SCIENCE





LEARNING FOR THE 21st CENTURY – Language Labs

Language Centres (Languages Labs) to facilitate the 21st Century Languages Curriculum

A space is needed which presents a physical home for languages in each school; where learners and teachers are able to access the broader world of languages, culture and communication through technology. Requirements are as follows:

- Excellent internet service to ensure access to international communication, online learning and teacher collaboration
- Wireless and Bluetooth capabilities
- Interactive whiteboard for online and collaborative learning
- Computer hardware, software and support capable of handling recording programs, video-conferencing, non-alphabetic fonts
- A range of technologies that give students access to learning outside the physical classroom
- A quality sound system that ensures clear representation of the target language
- Video-conferencing facilities
- Break-out rooms.

LEARNING FOR THE 21st CENTURY – LEARNING SPACES



Gawler Primary School

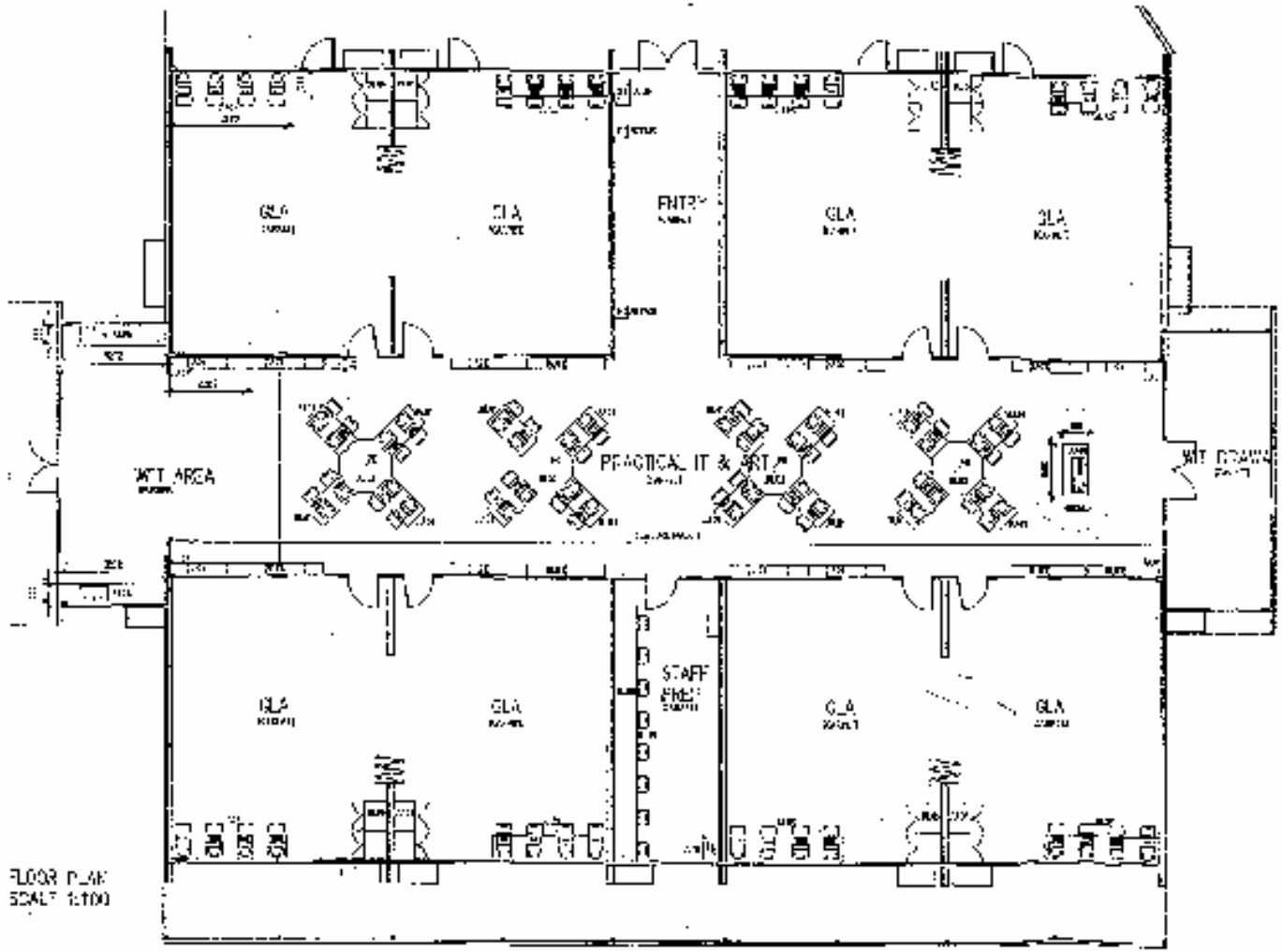


LEARNING FOR THE 21st CENTURY – LEARNING SPACES



LEARNING FOR THE 21st CENTURY – LEARNING SPACES – FLEXIBILITY





FLOOR PLAN
SCALE 1:100

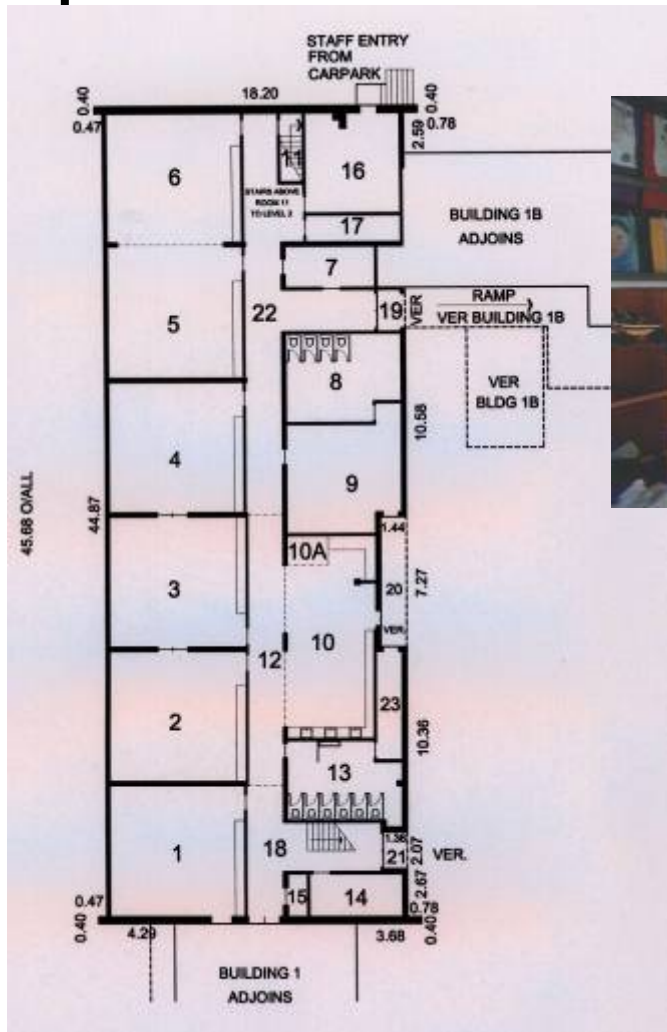
LEARNING FOR THE 21st CENTURY – LEARNING SPACES - ADAPTABILITY



From corridor to
usable learning
space



LEARNING FOR THE 21st CENTURY – LEARNING SPACES - ADAPTABILITY



Modbury South Junior Primary School

LEARNING FOR THE 21st CENTURY Special Education



LEARNING FOR THE 21st CENTURY
Special Education



● ● ● | **LEARNING FOR THE 21st CENTURY –
LEARNING SPACES - OUTDOORS**



LEARNING FOR THE 21st CENTURY – ACTIVITY HALLS



Angle Vale Primary School

Athelstone Plan Primary School





McDonald Park Primary School

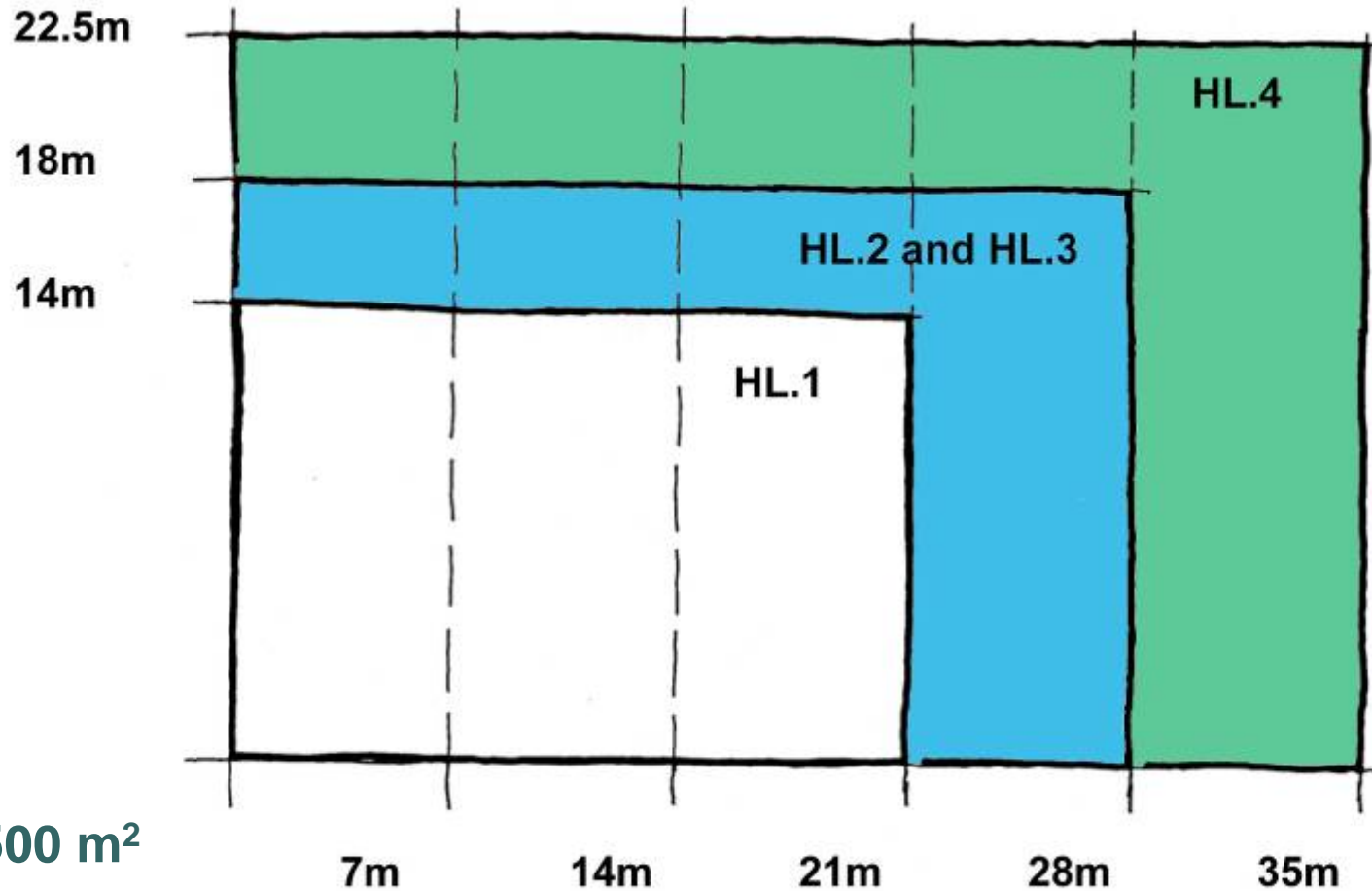


West Beach Primary School

● ● ● | **LEARNING FOR THE 21st CENTURY –
ACTIVITY HALLS**



LEARNING FOR THE 21st CENTURY – ACTIVITY HALLS



HL.3 – 500 m²

HL.4 - 790 m²





BER and *Education Works*





BER linkages to *Education Works*

- BER and *Education Works* are complimentary.
- Items not included in the *BER* funding (e.g. air conditioning) could be purchased by combining BER and *Education Works* funds to achieve a more substantial facilities solution.
- Combining BER with *Education Works* ensures facilities improvements contribute to improving educational outcomes for students.
- The facilities components of *Education Works* will be able to start much earlier utilising BER funding.



Process



Primary Schools for the 21st Century - Process

- Asset Services has identified schools that have been identified as potential Round 1 participants and will start contacting these schools shortly.
- The list focuses on 'new builds' and contemporary standard designs that can be commenced by May/June 2009.
- Rounds 2 and 3 will introduce existing buildings that may require refurbishment.
- Contemporary standard designs will be used where ever possible to ensure projects can be started ASAP.
- E.g. those sites that don't have library or multi purpose hall will be identified to have one. Those sites that have a reasonable library or hall may have timber transportable buildings identified for replacement.
- Asset Services sent an email to all schools requesting they consider their project priorities by 20 March 2009.
- Asset Services will contact each school to discuss their projects and submit proposals for rounds 1, 2 and 3 to the Commonwealth.



Primary Schools for the 21st Century - Process

- DTEI will manage the procurement process and engage pre qualified builders on a 'design and construct basis'.
 - i.e. the builder will engage architects, engineers etc as required.
 - Where ever possible projects will be offered as a package of works, e.g. construction of 6 multi purpose halls and/or libraries across a region.
- DECS will provide project management support.
 - i.e. the builder will manage the project and liaise with the Principal about local site issues.
 - Asset Services will assign a project officer to oversee a package of works and act as an escalation point.
- Round 1 projects must start May/June 2009 and be completed by December 2010.
- Round 2 projects must start by June/July 2009 and be completed by January 2011.
- Round 3 projects must start by August/September 2009 and be completed by March 2011.



Science and Language Centres for the 21st Century - Process

- All secondary schools that believe they require new or upgraded science or language facilities are invited to register their interest.
- Asset Services sent an email to all schools inviting those with a secondary enrolment submit an application form. This form must be returned by 13 March 2009.
- Projects must commence no later than July 2009.
- Projects will be completed by June 2010.



National School Pride - Process

- All schools are requested to consider their maintenance priorities with a focus on facilities.
- Asset Services has sent an email to all schools requesting their maintenance and refurbishment priorities.
- Information must be returned to Asset Services by 13 March 2009.
- School programs that can be agreed quickly will be submitted to the Commonwealth for Round 1.
- Where further discussion is required, e.g. capacity related and/or other site specific issues will form Round 2.
- Asset Services will provide a consolidated program for the Commonwealth.



National School Pride - Process

- Funds will be allocated by the Commonwealth and provided to DECS and in turn deposited into school's SASIF accounts.
- Schools can opt to manage their own projects or use their FM.
- Schools must comply with all relevant DECS policies including procurement policies.
- Principal's expenditure and purchasing delegations have (awaiting CE approval) been increased to \$250,000 for BER funds only.
- Questions regarding what ICT infrastructure and/or equipment can be purchased from BER funds should be directed to TKMS ber_it@decs.sa.edu.au.
- Round 1 projects must be started by April/May and completed by December 2009.
- Round 2 projects must be started by July 2009 and completed by February 2010.



National School Pride - Process

- When managing projects Principals should consider:
 - OHS&W.
 - Risk management.
 - Asbestos management requirements.
 - Fees, charges and hidden costs such as power requirements.
 - Primary School/Science and Language centres for the 21st Century proposals.



Commonwealth requirements

- Community access
- Timelines
- Reporting
 - Financial
 - Project milestones
- Branding and recognition

Timeframes

Key Dates - Building the Education Revolution

Primary Schools for the 21st Century (Round 1) - 20% of projects	13 Feb 2009 Bilateral agreement completed with each State and BGAs.	16 Feb 2009 Project design templates submitted to Commonwealth by States.	20 March 2009 Site project details for round 1 submitted to DECS.	Feb-Apr 2009 Proposals assessed by States and BGAs, and submitted to the Commonwealth for approval.	May-June 2009 Round 1 projects commenced.	Dec 2010 Round 1 projects completed.
Primary Schools for the 21st Century (Round 2) - 40% of projects	9 April 2009 Site project details for round 2 submitted to DECS.	Apr-May 2009 Proposals assessed by States and BGAs, and submitted to the Commonwealth for approval.	June-July 2009 Round 2 projects commenced.	Jan 2011 Round 2 projects completed.	<i>At a glance:</i> <ul style="list-style-type: none"> - \$12.4 billion for Primary Schools for the 21st Century <ul style="list-style-type: none"> o All primary and special schools are eligible to apply for funding to build new or upgrade existing iconic facilities ie libraries and multipurpose halls. - \$1 billion for Science and Language Centres for 21st Century Secondary Schools <ul style="list-style-type: none"> o Projects funded on a competitive basis, with all secondary schools eligible to apply. o Funds used to construct new science labs or language learning centres. - \$1.3 billion for National School Pride Program <ul style="list-style-type: none"> o All schools eligible to apply for funding of minor capital works and maintenance projects. 	
Primary Schools for the 21st Century (Round 3) - 40% of projects	1 June 2009 Site project details for round 3 submitted to DECS.	June-July 2009 Proposals assessed by States and BGAs, and submitted to the Commonwealth for approval.	Aug-Sept 2009 Round 3 projects commenced.	Mar 2011 Round 3 projects completed.		
Science and Language Centres for 21st Century Secondary Schools	13 Feb 2009 Bilateral agreement completed with each State and BGA.	16 Feb 2009 Project design templates submitted to Commonwealth by States.	13 March 2009 Project proposals from schools submitted to DECS Asset Services.	Mar-June 2009 Proposals assessed by States and BGAs and submitted to the Commonwealth for approval.		
National School Pride Program (Round 1) - 60% of projects	13 Feb 2009 Bilateral agreement completed with each State and BGA.	Feb-Mar 2009 Proposals assessed by States and BGAs.	13 March 2009 Project proposals from schools submitted to DECS Asset Services.	24 Mar 2009 Proposals submitted to the Commonwealth for approval.	Apr-May 2009 Projects commenced	31 Dec 2009 Projects completed.
National School Pride Program (Round 2) - 40% of projects	3 April 2009 Round 2 project proposals to DECS Asset Services.	Apr-May 2009 Proposals assessed by States and BGAs.	30 May 2009 Proposals submitted to the Commonwealth for approval.	Late July 2009 Projects commenced	Feb 2010 Projects completed.	



Further information

- Email: asc@saugov.sa.gov.au
- Phone: 1800 810 076
- Website: <http://www.decs.sa.gov.au/assetservices>
- Operating hours 8.30am – 5pm





Questions