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Oracle Student Learning

DEECD Classroom of the Future Sponsorship
2010 Shanghai Expo – August 2010

Overview

- Department of Education and Early Childhood Development (DEECD) are showcasing their Classroom of the Future exhibition in Shanghai in August 2010
- Oracle will be a key sponsor of the Classroom exhibition
- DEECD Victoria is a major OSL customer
- The Classroom will be on exhibition:
 - 25-30 August 2010 at the Urban Best Practice Area (UBPA) Expo site
- The Classroom will be on display in the Australian government pavilion promoting Victorian education reform
- Teachers and students will be interacting in the classroom using the Ultranet
- Seminars and presentations will be run that promote Victoria's approach to school design and learning technologies

Why is DEECD exhibiting?

- Raise the profile of Victoria as an innovative state with excellent education, training and scientific research capabilities and facilities
- Position Victoria as a leader in international education and a provider of high quality education
- Showcase Ultranet
- Promote exemplary and innovative practice in the education sector, including the use of technologies and programs focused on sustainability
- Enhance relationships with the Chinese government and education partners to facilitate mutual knowledge transfer and capacity building
- Raise awareness of the overall experience for international students in Victoria

OSL Customers Australia

Western Australia Department of Education



Demographics:

- 800 Schools
- 330,000 K-12 Students
- 30,000 Teachers
- 650,000 Parents

OSL is currently deployed to 250+ schools with a high acceptance from teachers, students and parents. A measurable increase in educational standards has been demonstrated

Victorian Department of Education and Early Childhood Development



Demographics

- 1,600 schools
- 540,000 K-12 Students
- 55,000 Teachers
- 900,000 Parents

Transaction followed a successful pilot for 12 schools which was independently audited and demonstrated tangibly improved educational outcomes

Victorian DEECD

- DEECD established the Ultranet project to provide a complete online teaching and learning solution
- The Ultranet, using Oracle Student Learning, is a student centred electronic learning environment that supports high quality learning and teaching, connects students, teachers and parents and enables efficient knowledge transfer
- It establishes a schools environment for the future which will improve the educational outcomes of all Victorians
- The Ultranet allows teachers to differentiate content delivery depending on each student's learning style and needs
- The Ultranet is a \$60.5 million project for Victorian government schools

Ultraset

- Objectives of the Ultraset
 - improve responsiveness to individual learning needs
 - provide better information to parents, the school system and Government
 - improve efficiency of the learning environment and school administration
 - adopt an enterprise approach to intranet development
 - exploit previous ICT investments
- Key benefits of the Ultraset to the community
 - establish a school environment for the future
 - improve the educational outcomes of Victorians
 - reduce the administrative burden on teachers and school leaders
 - reduce the future cost of education
 - improve educational opportunities for regional, rural and remote Victorians
- Further information
 - <http://www.education.vic.gov.au/management/ultranet/default.htm>

Oracle Student Learning (OSL)



- New category of software that focuses entirely on teaching and learning
- Designed to support a school transformation agenda
- Provides the capacity to recognize the uniqueness of each student and place them at the centre of the learning process
- Enables learning to be personalized and students to be educated as individuals
- Facilitates collaboration between teachers, within and across learning areas and schools, continuously building knowledge about each student over time

OSL Features



Single Point of Truth (SPoT)

- Information concerning the student is captured, stored, coordinated and managed into a set of relationships
- The enterprise-wide nature of the solution ensures that student information is maintained historically from kindergarten through the 12th grade (K- 12) and that information maintains integrity as students move within and between schools
- SPoT will enhance schools' capacity to identify issues and student needs and to intervene early to address any concerns



Teaching and Learning Tool



- The Teaching and Learning Tool is the key mechanism for teachers, students, parents and administrators to interact within OSL
- Used for the day-to-day tasks in teaching and learning
- Incorporates collaboration tools such as journals, discussion forums and submissions that allow students and teachers to share ideas, construct knowledge and collaborate around tasks in a secure and managed environment
- Greater collaboration and communication fosters greater creativity and enables students to drive their own learning

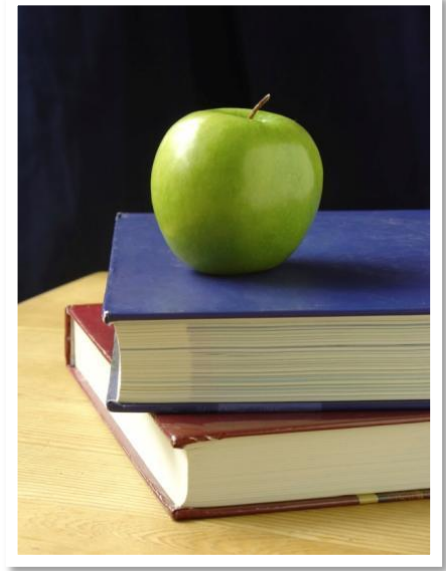
Flexible Learning



- Allows access to the classroom anywhere and anytime removing the physical constraints of traditional classrooms for both students and teachers
- Information and resources are shared within and across homes, schools, classrooms and communities creating an extended but cohesive learning community

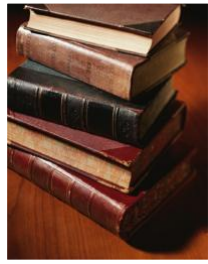
Administration

- Comprehensive administration functionality allows configuration of various components in OSL like schools, curriculum frameworks, course structures, class groupings, student and teacher enrollments as well as student and parent relationships
- Much of the setup of the system can be carried out centrally to minimize the overhead to school administration



Fully Integrated System

- Oracle's Business Intelligence solution enables the information collected through the Teaching and Learning Tool to be collated into meaningful relationships and analyzed
- Educators can use this analysis to make informed and supportive decisions, to understand a student and progress their development
- Administrators can view how the school is performing and identify areas of need or areas of excellence
- Student information stored in a student information system (SIS) can be integrated into OSL utilizing existing school resources and reducing administrative workload



Key Functionalities

- Multiple curriculum and diagnostic frameworks can be embedded to ensure, lesson-planning, creation and assessment occurs in the context of learning outcomes and standards
- Teachers can sequence learning both within and across lesson plans
- Lessons can be constructed, stored, reused and shared to create a personalized learning program for each student
- The ability to record feedback, enables teachers to better guide learning and understand the student, and it enables the student to more fully engage in the learning process



Resources

- OSL web site: <http://www.oracle.com/goto/k-12/oraclestudentlearning>
 - Whitepaper
 - Data sheet
 - Brochure
 - Product video

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Appendix

DEECD Classroom of the Future



2010 Shanghai World Expo



*Every
child,
every
opportunity*



Largest World Expo ever held, an estimated 70 million visitors will attend between 1 May and 31 October 2010.

At least 170 nations and 40 international organisations will exhibit at the expo park in downtown Shanghai.

Theme: Better City, Better Life



*Every
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Australia's Involvement

- DFAT is coordinating Australia's involvement in the expo.
- Focus of Australia's pavilion: strong and vibrant economy, sustainable development, technological expertise and innovation, world-class research facilities and education system, our rich and diverse culture and promote Australian cities.

Artist's impression
of the Australian
pavilion



- Raise the profile of Victoria as an innovative state with excellent education, training and scientific research capabilities and facilities
- Position Victoria as a leader in international education and a provider of high quality education
- Promote exemplary and innovative practice in the education sector, including the use of technologies and programs focused on sustainability
- Enhance relationships with the Chinese government and education partners to facilitate mutual knowledge transfer and capacity building

Education Sector Presence



Department of Education and
Early Childhood Development

- Target new education export activities to the Government's broader trade agenda
- Establish and maintain strong relationships with key Chinese stakeholders
- Encourage Victorian education providers to deepen their bilateral agreements with Chinese educational and research institutions.
- Raise awareness of the overall experience for international students in Victoria

Education Sector Presence

Centrepiece: 'Classroom of the Future'



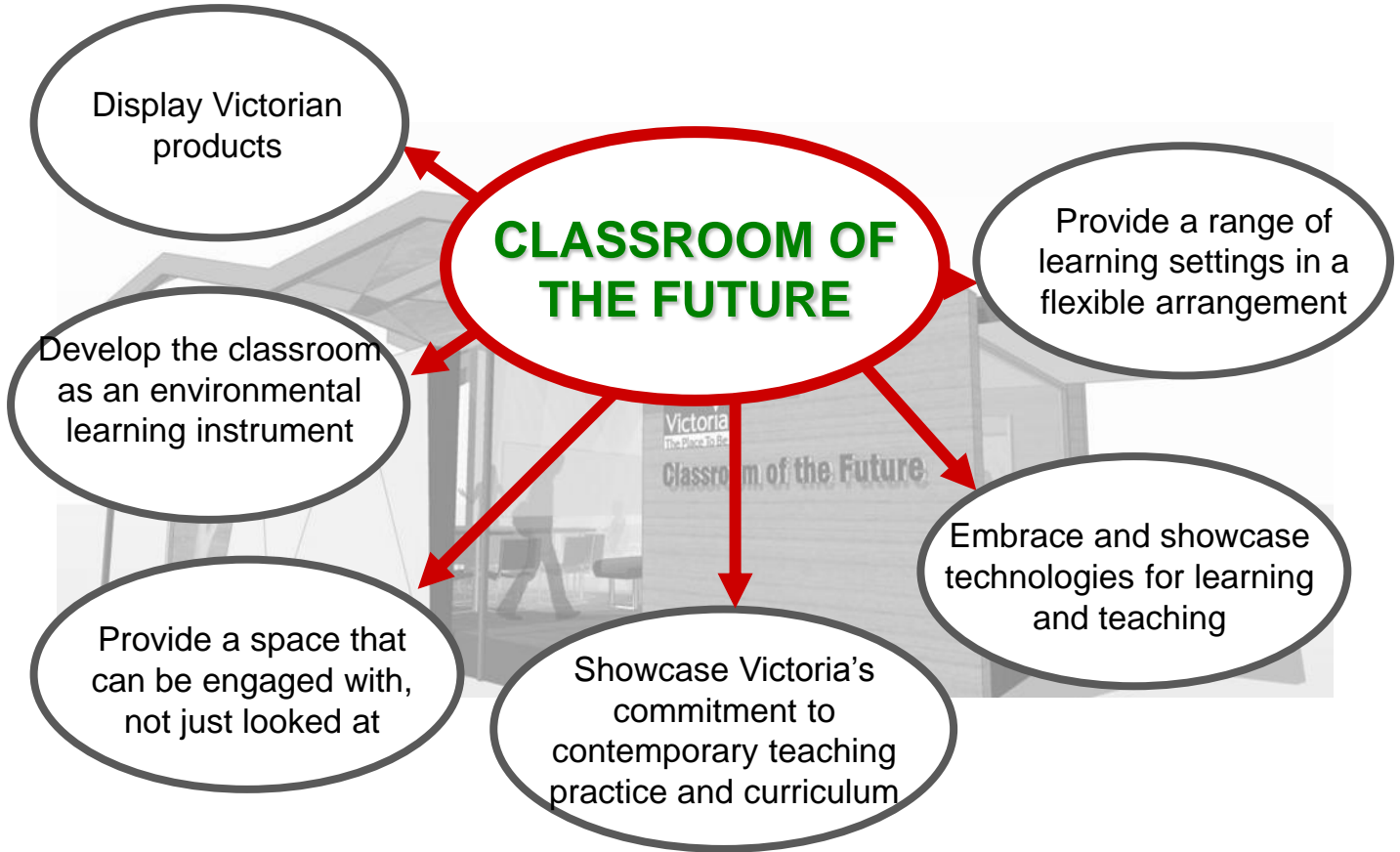
A complimentary set of pre and during activities have also been identified to generate enthusiasm and ensure the classroom highlights the best of Victoria's model of education.

Showcases: Victorian knowledge and expertise in education methods and design and technology.

Flexible: multipurpose space that can be used for a variety of Victorian and Australian events.

Sustainable: connect participants with the Victorian experience and natural environment.

The Victorian Exhibition



The Classroom - Innovative and Flexible

Will showcase collaborative, creative learning that utilises a range of technologies



Highly flexible space and furniture, for large groups, discussion, performance, group work and one-to-one

Features interactive whiteboards, projection facilities, wireless data and laptop recharge stations

Constructed from responsible building fabrics and all materials intended to be 6 star Green Star rating

Responsive to weather changes: automated louvers, zoned lighting

Designed for 25 students, 30-40 seminar participants

The Design Concept



The Design Concept



INTERNAL VIEWS

- The Classroom will be on exhibition in Shanghai:
 - ❖ 25-30 August 2010 at the Urban Best Practice Area (UBPA) Expo site
- Program includes teaching and learning activities with Victorian and Chinese students and teachers, seminars / workshops and open days
- Minister Pike and a trade delegation will also visit the Classroom and hold events with key stakeholders in Shanghai
- DIIRD, partner industries & other sectors

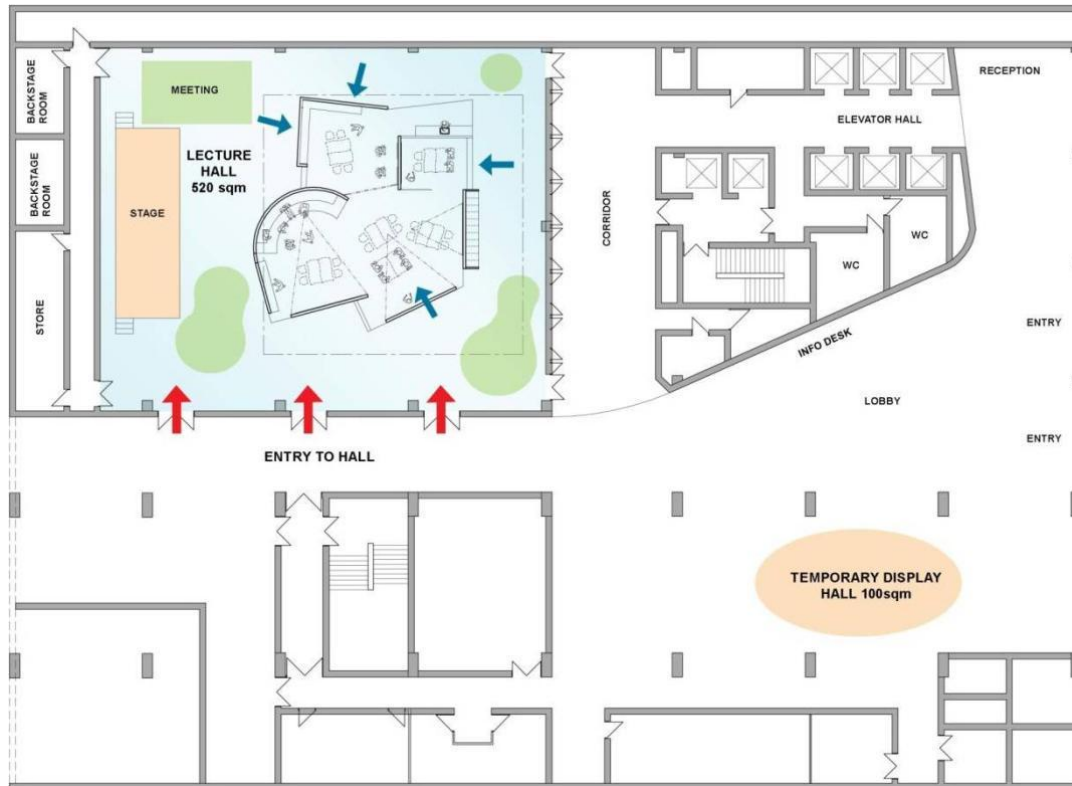
Venue:

Urban Best Practice Area - Expo



Venue:

Urban Best Practice Area - Expo



SOFTWARE. HARDWARE. COMPLETE.



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