



# St Mary's College

High-tech Learning Institution (South Australia)

## Case Study

St Mary's College takes digital education to the next level with Lenovo® solution

- LanSchool classroom management suite for remote control and 1:1 interaction with students
- ThinkPad Yoga for indoor mobility of teaching staff and flexibility to use as portable blackboard
- Durable and compact ThinkPad X240 for students

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## St Mary's college, Adelaide takes digital education to the next level with Lenovo thinkPad convertible and ultrabook.

Lenovo LanSchool classroom management solution, thinkPad yoga convertible ultrabook, and thinkPad X240 laptops bring St Mary's classrooms into the digital age.

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Giovanna Iannicelli  
Technology Coordinator,  
St Mary's college.

As the oldest Catholic girls' College in South Australia, St Mary's College Adelaide has established itself to be at the forefront of girl's education. The school has a well-established reputation for using technology to improve learning outcomes. Established in 1869, the school now has over 800 students under its wing. Despite its long heritage, the College is committed to supporting and challenging individual learning and addressing the educational needs of young women. This is reflected in the College's approach to the use and integration of technology.

### Background

St Mary's College was gradually converting itself into a high-tech learning institution by initially rolling out a fleet of Lenovo ThinkPad X220, and progressively upgrading them with the new generation X240, to students in years 9-12. Due to the increasing demands of the uptake of technology subjects, the College made the decision to keep all four computer rooms. As part of the digital journey and the ongoing rollout of student laptops, teachers explored a variety of ways that would facilitate collaborative learning among students in the classroom. Staff acknowledged the need to implement digital pedagogy. They wanted to have some control and visibility of how the students used their laptops during class as well as using the mobile devices for learning and collaboration.

### Challenges

The College had initiated a notebook program 3 years ago where students from 9 to 12 were allocated Lenovo laptops for school use. While teachers were able to use Lenovo LanSchool classroom management solution to connect with student devices in the computer labs, they needed a solution to interact with the students' laptops in their day-to-day classroom environment.

The College had been using LanSchool within the computer rooms for years and decided to bring the solution to the teaching classrooms. For LanSchool to be an effective solution in the classroom, the teachers had to be equipped with a mobile computing device of their own that would allow them to freely roam around the classroom during their lessons. The use of LanSchool meant that teachers were no longer anchored to an IWB at the front of the classroom.

The integration of LanSchool was seen as a digital tool that would help develop digital pedagogy. LanSchool has allowed the broadcasting of teacher and student content in real time. Individual messages supporting learning could be sent to individual students without disrupting the entire class. In turn, LanSchool supports and enhances one-on-one teaching.

LanSchool has been adopted in a positive light where teachers can use many of its features to support curriculum and student learning.

## Thinkpad YOGA and Lanschool enable effective classroom management

St Mary's College evaluated the needs of the teachers and settled on procuring 80 Lenovo ThinkPad Yoga convertibles to rollout to all teaching staff. With its unique design, the ThinkPad Yoga convertible is able to convert from a standard notebook to an ultraportable tablet form factor, with four usage modes in all, giving teachers the flexibility to work at the front of the classroom or roam around the classroom to provide individual help to students – just like a portable blackboard and lesson planner.

Paired with Lenovo's LanSchool solution, teachers can monitor what the students are doing during a lesson and even broadcast a student's screen to the rest of the class. The ThinkPad Yoga can be used as a blackboard and teachers can relay the notes written on their convertible devices to the students' notebooks directly. "Teachers can actually remotely control a student's notebook to facilitate sharing and collaboration," Mrs. Iannicelli, Technology Coordinator said. "If one student has done some excellent work, teachers can share that student's device screen with the rest of the class." Teachers can also interact one-on-one with the students through their notebooks with the ThinkPad Yoga. "In the past, teachers had to remain in front of the class because they had no device of their own so trying to manage how the students were using their Lenovo notebooks was a challenge," Mrs. Iannicelli said.

With the ThinkPad Yoga and LanSchool, teachers can now add a student to a particular channel to facilitate individual communication and even set up a profile for them to use in class which limits web browsing, what files they access, which USBs they can use, and so on. That profile can be saved and reactivated again in the next class, which makes classroom maintenance and even roll calling so much easier. Having confidently used Lenovo products for several years, St Mary's College made the bold decision to go with Lenovo for all its computing needs. In conjunction with the use of mobile devices the College has desktops in classrooms and four computer labs that cater to the specialist IT needs of students.

## Results

The combination of the Lenovo ThinkPad Yoga and LanSchool has provided opportunities for the ongoing development of digital pedagogy, impacting on the teaching and learning at St Mary's College. It has added another dimension in helping to change classroom pedagogy.

"Along with our student laptop program, it has just made such a difference," Mrs. Iannicelli said. "We have been focusing on digital pedagogy for a while but LanSchool and the ThinkPad Yoga is making it a reality. Whilst the College has firmly integrated ICT into the curriculum for a number of years, LanSchool has allowed teachers to reflect and change their pedagogy using this digital tool. It is teaching us to move away from the front of the classroom and focus on student learning and how we can move towards the greater use of digital pedagogy, enhancing teaching and learning."



LAPTOP MODE



STAND MODE



TENT MODE



TABLET MODE

ThinkPad Yoga



ThinkPad X240

"The education sector is under a lot of strain in terms of resources and by employing technology we can make the most of the time students have in class and encourage interactive, collaborative learning, which is the best way to learn."

Giovanna Iannicelli

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