Roxburgh Park Primary School
2016

Anywhere Anytime Learning Program
With Lenovo Thinkpad 11e

**RPPS E-Learning Vision:**
Our vision at Roxburgh Park Primary School is to prepare our students to live, learn and work successfully in an increasingly complex and information-rich society. Students must be capable of using technology effectively and responsibly now and into the future. We provide an inclusive digital learning environment, where students are able to discover knowledge through collaboration, critical thinking, creativity and communication.
Why have we been moving in this direction? How can the Lenovo Thinkpad 11e improve learning?

Today's students think, connect and communicate differently from those who were at school even only a few years ago. DET (DEECD) Trial research showed that students with 1:1 access are:

- More motivated and engaged in learning
- Better organised which improved literacy and numeracy outcomes
- Better able to collaborate and analytically think

Anywhere Anytime Learning programs promote better learning in and out of school by:

- Anywhere, anytime access to learning.
- Independent, self-initiated learning, eg promotion of problem solving skills, ability to ‘Google’ questions they have.
- More family involvement in education because parents can access the device.
- Collaboration between students in different schools, states and even countries.
- Students being taught to communicate appropriately and safely in social websites.
- The ability to access homework and school information online and offline
- More time for teachers to teach students to use the internet appropriately as a tool to learn
- Greater access to real-time information, digital learning resources and educational software
- The ability to digitally capture any learning, such as videos or photographs to create things such as digital stories.
- Opportunities to discuss cyber bullying as a real issue and discuss the impacts of this as a class.

What is Anywhere Anytime Learning?

1-to-1 learning is where each student and teacher has one internet connected device for use in the classroom and at home. The Lenovo Thinkpad 11e weighs just over 1.5kg and fits easily into a school bag. It is loaded with software that students need, and backed up with in-school technical support. The laptop will give participating students the tools to learn in a digital age. Wireless internet access will be available at school, and laptops can also be used at home - with or without internet access.

The Scope of the program

In 2016 all Year 4 and Year 5 students will have the opportunity to purchase their own Lenovo Thinkpad 11e through the JB Education Solutions Portal. This device can be used both at school and at home throughout the next 2-3 years of primary school. Students who opt to not purchase this device will continue to be supported through the use of technology in their classrooms and the ICT lab.

The digital device offered to Year 4 families each year will be reviewed at the end of each year to ensure that the device offered is the most cost effective and educationally sound option.
Frequently Asked Questions

Ownership model
The Thinkpad 11e can be purchased through the JB Education Solutions portal. Parents and students own the device, however the use of the school network and software is subject to the conditions as outlined in the school’s Acceptable Use Agreement and eSmart policy.

Warranty / Insurance
The Thinkpad 11e comes with a 3 year onsite warranty but this does not include insurance for accidental and malicious damage and theft. There is an option to purchase insurance ($100 excess applies). The school takes no responsibility for any warranty and insurance issues. These must be followed up by parents.

Personalising your ThinkPad
Students will be able to save all files on their Thinkpad and will be able to create their own desktop. Students and parents are reminded that only appropriate software should be on the laptop.

Software licensing and copyright
Software installed by the school is subject to licensing conditions and must not be copied, deleted or transferred. Any media installed on the Thinkpad must not infringe copyright laws and must not include crude or explicit language. This will contravene our Acceptable Use Agreement and may result in reimaging of the ThinkPad. When a student leaves the school the device will be removed from the school network. At this time all licensed software will also be removed.

Internet usage
Use of the ThinkPad by students is governed by the ‘eSmart Acceptable Use Agreement’ that students and parents must agree to for the use of ICT both within and outside the school. Parents are also to familiarise themselves with the Acceptable Use Agreement. This Agreement will be made available when the purchased device is picked up from the school. Any inappropriate use of the internet is unacceptable and is subject to disciplinary action and exclusion from the school network and resources.

Technical Support
Any technical issues are logged through the JB Education Solutions portal and a technician will be on site on the next business day. For matters that cannot be fixed on site there will be a minimum 5 day repair time.

Power Supply
All ThinkPads need to be charged overnight at home and returned back to school fully charged at the beginning of every day. The battery will last a typical school day when fully charged.

Backup/ recovery
Students will be responsible for their own backup of critical data at all times. This may be through a USB or external drive. Students may periodically back up their work on the school server. This is the sole responsibility of the student.

Installing your own software
It is the student’s responsibility to ensure that there is enough hard drive space and RAM available to engage in all educational requirements. Downloading music, games and videos from the internet during school hours is prohibited, except when directed by a teacher. Students have the right to install additional software and applications onto their digital device. However, only licensed software can be installed. The student must hold a valid licence for all software.

When will they arrive?
Thinkpads ordered before November 14 will be available before Christmas. Any orders after that date will arrive at the beginning of the 2016 school year. Devices can be picked up at the school after software is loaded and the device has been connected to the school network. An induction program will be held for students and parents before the device can be taken home.
What kind of contract or agreement needs to be signed?
The ‘eSmart Acceptable Use Agreement’. When the device is picked up from the school a Participant’s Agreement needs to be signed and agreed upon by the school, parent and student. This agreement outlines usage expectations at school and at home.

Can students bring their own devices from home instead?
Not unless they are the same model that the school is using for these year levels.

Here are some of the reasons why we don’t accept non-school selected devices.
1. Not all devices configure to the school network easily. This device is supported by our school network.
2. It has the software and wireless capabilities which supports our current teaching and learning programs.
3. Our school image has only been created for the devices we currently have and won’t just work on any device.
4. It is built for students to use daily and to carry around. It has a rubber protective seal around the screen and is durable. It is an education device.
5. We cannot take any responsibility for maintenance, warranty and insurance issues on non-school devices.
6. JB Education Solutions technicians cannot attend to non-school devices as they will void any warranty on your device.
7. Devices must be small enough and light enough to fit in a child’s school bag.

Is the device password-protected?
Yes. Students will be prompted to log on with a password when turning on the device. A password-protected device may help protect students' personal information in incidents of loss or theft.

Where do the devices go when not in use?
When not in use, the devices will be in a student’s locker or a locked classroom. Arrangement will be made for students to secure their laptops in classrooms at the start of the day. Secure arrangements will be made for students who attend Before and After School Care.

How will teachers be trained and supported?
As this is a new learning tool for the students, it is also for the teachers. This will mean that sometimes the teachers will learn with the students. It might mean that in the early stages of the year, students might not be using it as much as they will when the program develops further.
Teachers continually set ICT professional learning goals for themselves to further their understanding and use of technology. Support is a strong element for success and teachers will also be involved in mentoring and coaching each other to complement their growing ICT capabilities.

Will students use computers ‘too much’ for schoolwork?
The 1-to-1 device will enhance the existing school curriculum by providing appropriate digital learning tools in balance with more traditional learning tools. Wireless access will allow for ‘just-in-time’ learning where students can search for information or collaborate with others in a real-time context. Students will be able to use their school files at home and be able to collaborate with their peers on projects through social networking.

What about handwriting?
Students will continue to write with paper and pencil and work to improve their handwriting as well as using the keyboard.

Won’t students be able to ‘cheat’ by using the spell checker?
The spell checker is a tool to allow students immediate feedback on the correct spelling of words they use. It complements our existing school spelling program Words Their Way, but does not replace it.

What if my child forgets his/her Thinkpad at home or forgets to charge it?
He/she will have to manage without. As it is envisaged that a large percentage of work will be completed on the computer, this will result in a loss of productivity. Thinkpads will not be able to be charged at school.
The school monitors usage at school, but who monitors it at home?
That is the responsibility of the parents. When off school grounds, parents have full authority to monitor
device usage. Examples of this include:
- ensuring use in a family room and not in the bedroom
- restricting use at certain times of the evening or weekend
- not taking the laptop on long trips, and
- examining the documents and other contents of the device on a regular basis.

How can students access the internet from home?
Home internet connection is not supplied by the school or DET. There is no expectation that internet access be
made available at home. If there is an existing internet provision at home, the device is able to be configured
for access.

How can devices be used at home?
Examples of home use for which internet access would be required include:
- Using online collaborative websites such as class blogs (Edublog, Wikis)
- Using online resources for research
- Completion of homework using online resources (Mathletics, Reading Eggs)
- Working on creating webpages using Weebly/Publisher
- Game creation using Scratch

Examples of home use for which internet access would not be required include:
- Using any of the Microsoft applications or open source software provided
- Using any subject-specific software
- Working with audio, picture or video files on the devices.
Student Safety and Online Privacy

What about safe internet use?
Students are offered a device to facilitate Anywhere Anytime learning. Teachers will supervise students as they would for any learning activity as they create and maintain a safe, comfortable and learning-focused classroom. Appropriate use of the internet service within the DEECD network is closely monitored by a filtering system, which allows for inappropriate content blocking by a regularly updated list of categories and sites. This does not apply to use of devices outside of the school network. Parents are advised to ensure supervision at home.

Available Support Resources

What if the Thinkpad is used for inappropriate purposes?
This will be seen as a breach of our school’s ‘eSmart(ICT) Acceptable Use Agreement’ and the student may be banned from using their device for a period of time, depending on the severity. Parents will be informed. It may also be restored to its original image and all personalised content may be deleted. It is important that teachers, students and parents share the responsibility to ensure safe and responsible use of devices at all times.

Will children be safe carrying their devices?
Overseas research has shown that insurance companies have reported very few incidents while students travel to and from school. Students should be specifically warned NOT to take the devices out in public, and to carry them in a laptop bag or within their school bags.

Are these devices going to add to the heavy loads students carry from home to school?
The device has been deliberately chosen for a number of reasons, including its weight specifications. The Thinkpad 11e weighs 1.5kg. The device however should not be packed into the bottom of an oversized backpack with food and drink, books and items, because this could lead to a compression fracture of the screen and the possibility of a liquid spill. There is an option to purchase a bag through the JB Education portal, but laptop bags are available through other retail stores. We would advise parents to purchase a bag from one of these sources.

Will the student files on the device be private?
Students can expect their device to be periodically inspected and monitored for appropriate usage. Teachers may request access to the browser history and/or caches as well as all files belonging to the student resident on the Thinkpads as well as stored on the school servers. Students and parents need to be aware that files stored locally or on school servers are not private.
Ordering Information

The device selected for 2016 is the Lenovo Thinkpad 11e.

Cost of the 11e (non touch screen) $806.30 (inc GST) This includes 3 year Warranty, BUT does not cover insurance.
Cost of the 11e Yoga (touch screen) $981.20 (inc GST) This includes 3 year Warranty, BUT does not cover insurance.

The device can be purchased by logging into the JB Education BYOD portal and entering the school code.

  Our special school code is RPPS2016

Purchase options include Credit card (2% fee charges), EFT or finance options.

How will I afford this?

What if I can't afford it?
There is no obligation for you to purchase a Thinkpad 11e. It is an optional program. Your child will still have the same quality program they currently have. They will have access to our current allocation of laptops in class, sharing them with a group however they will not have the opportunity to take them home.

Lenovo Thinkpad 11e

Specifications:
- Display 11.6 Inch HD LED Anti-Glare (1366x768)
- Processor Intel Celeron Processor N2920
- Memory 4GBx1 1333MHz DDR3 RAM
- Storage 128GB SSD
- WIFI Intel Dual Band Wireless-N 7260 (2x2, 802.11abgn) + Bluetooth
- Webcam 720p HD webcam
- Audio Dolby Advanced Audio v2
- Operating System Windows 8.1 64 bit
- I/O (Input / Output ports) HDMI 1.4, USB 3.0, USB 2.0, 4-in-1 Card Reader, RJ-45 Gigabit Ethernet

Lenovo Thinkpad 11e - Yoga

Specifications:
- 11.6” HD LED, IPS, w/ Dragontrail Glass, touch,
- Intel® Celeron® Processor N2940 (2M Cache, up to 2.25 GHz),
- Intel® Dual Band Wireless-AC 7260 (2x2, 802.11ac/a/b/g/n),
- Intel® HD Graphics, Bluetooth, No FPR, Camera
- Memory 4GBx1 1333MHz DDR3L, 128GB SSD, No ODD,
- 4-in-1 Card Reader ,
- Windows® 8.1 64bit or 10,
- 4 cell LI Battery 35Wh,

PLEASE NOTE:
It is recommended that you purchase the case when ordering your laptop as it is suited for this device.
Other recommended options you can purchase elsewhere:
- Mouse
- Headset
Some of the software that will be on the device?

DET has researched and designed a standard image (Edustar) which incorporates both DET-licensed and free open source software. The RPPS Thinkpad image will have a combination of the programs seen below and other programs purchased by RPPS.

<table>
<thead>
<tr>
<th>Demonstration of student learning through...</th>
<th>Demonstration of student learning using ICT through...</th>
<th>Software on the Edustar image which students could use to demonstrate their learning...</th>
</tr>
</thead>
</table>
| Posters, bookmarks, picture story books, advertisements, newsletters, magazine articles | Digital books, online presentations, comic strips, graphic novels | Microsoft AutoCollage 2013  
Microsoft Office Publisher 2013  
Microsoft Office Word 2013  
Paint.NET  
Photo Story 3  
Picasa 3  
Comic Life |
| Videos | Debut Video Capture Software  
Windows Live Movie Maker  
DVD Flick  
Format Factory | |
| Animations | Photo Story 3  
MonkeyJam  
Pivot Stickfigure Animator | |
| Skills checklists, graphs | Graphs | Microsoft Office Excel 2013  
Microsoft Student with Encarta Premium |
| Quizzes, surveys | Online surveys, polls | FreeMind  
Microsoft Office Excel 2013  
Microsoft Office Word 2013  
Microsoft Student with Encarta Premium |
| Oral reports | Audio reports, podcasts | Audacity |
| Scenario-based role-plays | | Game Maker  
Microsoft Office Word 2013  
Scratch  
Wax 2.0  
Comic Life |
| Graphic organisers | Online graphic organisers | Picasa 3  
FreeMind  
Kidspiration |
| Songs, plays or raps | Songs, plays or raps | Audacity  
Comic Life |
| Research projects | Wikis, blogs | Microsoft Office Word 2013 |
| Board or card games | Research projects using online resources | Microsoft Office PowerPoint 2013  
Microsoft Office Word 2013  
Microsoft Student with Encarta Premium  
Photo Story 3 |
| | Online games | Game Maker (PC based games)  
Kahootz (PC based games)  
Microsoft Office Word 2013  
Scratch (PC based games) |
E5 Planning Model – How We Might Use the Thinkpad 11e

The e5 Instructional Model was launched in 2009. Developed and tested over 18 months, it is a reference point for schools to develop a deeper understanding of what constitutes high quality teacher practice in the classroom. We have used this model to give examples of how planning would incorporate the use of the Tablets in the classroom.

Engage
Utilise ICT at the introduction of each topic to engage students in subject area. Examples would include:
• Immediate access to the internet and access to record wonderings digitally
• Interactive learning games
• Digital Brainstorming Maps
• Digital Stories
• Internet based research
• Directed online media such as Google video and teacher tube etc.
• FUSE activities.

Explore
Use eLearning activities to foster students’ exploration of set topics. This includes developing their own lines of questioning and supporting this through clear documentation using ICT tools such as:
• Individual mind maps
• Online Timelines
• Webquests
• Using the internet and encyclopedia software for research
• 24/7 access to their Thinkpad

Explain
Use of Thinkpads for students to present their gained knowledge using a variety of engaging and innovative methods. These could include:
• Creating a Video
• Podcasts
• Digital Presentations
• Digital Portfolio documenting their learning
• Contribution to online class discussion using Wikispaces, Blogs and Edmodo
• Creating stop motion animation about a story
• Recording and editing photographs, sound or video

Elaborate
Use of ICT to generate new forms of communication between both students and staff and a peer-peer and assessment level. This may include:
• Use of the Wikispaces, Blogs and Edmodo
• Documentation in Digital Portfolio using Weebly
• Communicate via email and make use of online chat
• Use of Blog to provide feedback.
• Collaborating online with students locally, interstate or overseas.

Evaluate
Develop methods of reflection for all students to record their own progress and identify strengths, areas for improvement, and future learning goals, that are supported by access to Thinkpads. This includes:
• Online Assessment tools such as web2 tools which gives the student immediate feedback
• Online Journal entries.
• Development and completion of Personal Learning Rubrics
• Use of blogging and journals as a form of peer assessment and digital record keeping including work samples.

Adapted from the NetbookTrial, DET (DEECD) and LHC