

## NOTRE DAME DE SION SCHOOL APPLE EDUCATION 1:1 TECHNOLOGY FAQ'S

### Why is Sion implementing the 1:1 technology program?

Current educational research suggests the importance of the incorporation of technology in the classroom. ProjectRED has done research, both quantitative and qualitative, suggesting improved learning outcomes for students enrolled in schools with 1:1 device programs. The study linked above summarizes the following data, which appears in the full report:

- 70% of studied schools reported an increase in scores on high-stakes tests.
- 49% of 1:1 schools studied saw an increase in AP course enrollments.
- 88% of survey respondents in 1:1 schools indicated that teachers had more time for individualized or small-group instruction
- 75% of survey respondents in 1:1 schools said students took control over their own learning, compared with 40% in schools with a 4:1 or greater student-device ratio.
- 75% of survey respondents in studied 1:1 schools indicated that students are engaged in problem-based learning, which is considered a best practice in 21<sup>st</sup>-century education.
- 80% of survey respondents in studied 1:1 schools indicated that students are collaborating with their peers in the 1:1 environment. Collaboration is regarded as a key element of a 21<sup>st</sup>-century education.

### Why is Sion changing its plan for technology integration?

The above statistics suggest the need for students to have devices readily available in the classroom and beyond. Beginning with the 2011-12 school year, Sion introduced a BYOD (Bring Your Own Device) program that brought a variety of new technology opportunities to the classroom for both students and teachers. Four years later, and heading into the 2015-2016 academic year, the landscape of instructional technology has changed, just as the technology itself has changed.

It is important for students to develop responsible digital citizenship habits. It is advantageous to learn those prior to a collegiate or professional experience. Additionally, having a 1:1 program guarantees that everyone will have *the same* device and tools for engagement. If a lesson is designed that requires the use of a specific application, and that application is only available for Apple products, anyone who has a PC laptop or an Android tablet would not be able to participate.

### What software or hardware will my student have access too?

- Students will have access to printers and network data storage with teacher and tech team supervision.
- Data backups are done, but data recovery is not guaranteed. Students are required to keep all data in their Google drive.
- Each device will be asset tagged and tracked both on and off campus.
- Students will have no privacy rights on the device and school administrators can view all data.
- All students will have an email address and an Apple ID. Parent use authorization form must be signed for students under 13.
- All students and parents will be required to sign the Acceptable Use Policy Agreement for Notre Dame de Sion School.

### What does the Technology fee include?

The technology use fee for students in grades K-4 is \$325.00 per school year (32 GB iPads).

The technology use fee for students in grades 5-12 is \$475.00 per school year (11-inch MacBook Air laptops).

The services provided with this fee include the following:

- **The Device** - The cost of the device is amortized over four years. At the end of the fourth year, the student may buy the device for a nominal fee or turn it back in.
- **The Software and Applications** - Sion will provide age-appropriate software and applications for all students. In order for Sion to provide software to its students, the school must own both the software and the device on which it is to be installed.
- **Protection for the Device** - Sion will provide a protective cover for each device.
- **Insurance for the Device** - If a student loses or breaks the device, he or she will get a new device once a \$50 deductible has been paid.

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## What does the Technology fee include?

- **Support for the Device** - If the device or an application stops working, the student may bring it to the Technology Support staff, who will loan the student a replacement device until his or her own device has been repaired.
- **Management of the Device** - Each device will be managed by Casper, a program that ensures that students are able to access only age-appropriate content with their devices, and more importantly, will help to keep the school's network running efficiently, assist in tracking misplaced devices, and allow for new software to be added or for devices to be repaired remotely if possible.
- **Infrastructure for the Device** - Such a large number of devices require some infrastructure, upgrades which include wireless access points, device carts/charging stations, well-maintained servers and network backbone.

## What is the fee and purchase framework for the computer as my student matriculates and/or graduates from Sion?

As noted above, the devices are amortized over the course of four years. The annual technology fee will be assessed each year your student is enrolled at Notre Dame de Sion School. Upon graduation the student's computer is available at the fair market price of the device (see pricing structure below).

| After One Year | After Two Years | After Three Years | After Four Years |
|----------------|-----------------|-------------------|------------------|
| \$650          | \$450           | \$225             | \$0*             |

\*computer will be owned by student or returned to school to be upgraded

## What if my student already has an iPad or a Mac Book?

As 2015-16 is the introductory year for this program the following accommodation will only be provided for students who own a MacBookPro or MacBook and are members of graduation HS class of 2016 or are rising 8<sup>th</sup> grade boys who will graduate from our middle school and go on to individual high schools in the Fall of 2016.

- If your student (rising 8<sup>th</sup> grade boy or HS senior) currently owns a MacBook Air or Pro purchased in 2013, 2014 or 2015 and it meets all system requirements for Sion's Technology program, the student may bring the computer prior to the end of this school year to have it re-imaged and completely managed by our IT department with all the necessary software and programming that we will provide all students with for the reduced one-time annual fee of \$250.00.
- Any data currently stored on a student's computer will not be lost however this would
- The computer would be registered to your student but all associated software fees and insurance would be covered with the reduced all-inclusive fee and covered for any accident and/or breakage issues.
- Upon Graduation the computer would then be released back to the care of the individual student at no cost to the student or family.
- Students in grade K-4 with individually owned iPads do not qualify for this accommodation
- Students in grades 5-10 do not qualify for the laptop accommodation

## Can I bring my device home at the end of the school year?

Devices will go home for an assigned portion of the summer months. However, there will be a period of time when the school will perform routine maintenance and upgrades of all devices on campus. This information will be provided prior to the start of the 2015-16 school year.

## What are the school's next steps?

Sion's Administration and Instructional Technology staff are working with Apple's Project Management Team to set a timeline of events leading up to the distribution of devices in August of next year. Apple has managed the deployment of educational technology in classrooms for 30 years, bringing a huge amount of experience to a school embarking on its first 1:1 adventure. Add that to the group of dedicated staff working around the clock to ensure the success of Sion's 1:1 program, and it's a recipe for success!

## Whom should I contact with additional questions?

Please feel free to contact Associate Head of School for Curriculum and Instruction Steven Turner at 816-753-3810 ext.3120 or sturner@ndsion.edu.