Samsung Mobile Innovation for Education

Inspire new learning experience
Deliver the next generation classroom supported by innovative mobile technology.

Innovate mobile innovations for student-centric learning experiences

Today’s educational paradigm is shifting to student-centric learning as advances in digital technology have opened new avenues for interaction and collaboration in classrooms. The shifting educational landscape brings to schools new opportunities to provide personalized and adaptive learning to students.

Innovative devices and solutions adopted by progressive schools around the world have transformed the way our next generation learns and synthesizes their knowledge. Now with the dynamic learning experience provided by rich digital content, digitally native students can actively participate in the classroom and enhance their understanding of learning materials. This student-centric method of teaching based on more interactive, collaborative learning helps better engage students to gain 21st century skills and realize their full potential.

The significant benefit of the student-centric teaching bolstered by digital technology is the ability to provide a customized and adaptive learning experience for students. Therefore, “smart education” incorporating the advanced technology often means more well-informed, personalized learning aimed at individual teaching schemes to meet the needs of all learners not just the average child. Not only will teachers be able to increasingly differentiate instruction, students will have more power over the pace and style of their own education.

Many governments around the globe are building their education investment roadmaps aligned to this digitalized classroom initiative, aiming to realize the benefits of latest technologies for enhanced learning. In addition to the national agenda and vision, technology-savvy teachers, principals and parents and students all have different needs they seek to fulfill in the era of smart education. Thus, in order to successfully integrate technologies into the learning environment, schools have to partner with technology providers who can work together with a comprehensive approach that takes into consideration the multi-faceted needs of various stakeholders.

Create the next generation classroom with Samsung Mobile Innovation for Education

To create a new learning environment provides the highest quality education, schools need a solution partner that can provide them with educational insights based on technological leadership so that they can make the optimal choice of devices and solutions for their facility, and create an enhanced educational setting for both students and teachers.

Samsung provides industry-leading, end-to-end educational solutions that are bolstered by strong technical leadership and a network of strategic global partners. Samsung provides a comprehensive, robust set of educational offerings with devices, solutions, content, accessories and services that create the next-generation learning environment. In addition to its current offerings, Samsung will provide professional development and training services and solution implementation services to support the future of the educational sector.

Samsung offers learning institutions:

• **A full suite of smart mobile devices.** Samsung’s comprehensive line-up of mobile devices is compatible with various operating systems, usage environments and price points, solving nearly any need and challenge.

• **Innovative solutions.** As a leading provider of innovative and customizable educational solutions, Samsung can transform the learning environment with interactive and collaborative features of Samsung School solution. To enhance students’ device management, schools can adopt 3rd party MDM solutions adding on to Samsung School solution.

• **Diverse learning content.** Samsung provides a broad range of educational content and mobile apps that educators and students can use with their Samsung mobile devices through Google Play and Learning Hub. Samsung is partnered with various global and local content providers around the world to offer rich educational content for enhanced learning.

• **Smart accessories.** Samsung provides an assortment of smart accessories to aid schools in achieving maximum effectiveness and efficiency of smart education investment.

• **Mobile Care Pack for education.** Samsung delivers comprehensive service packages that cover the break and outage of devices in use, enhancing cost efficiency for schools.
Transform the way students learn with dynamic mobile tools.

Inspire students’ motivation for learning with powerful mobile technology

Samsung provides schools with a full suite of mobile devices suited for educational purpose, as well as software solutions and rich content that together create a seamless mobile learning environment. These innovative and comprehensive tools enable students and teachers to access educational materials from anywhere, as well as interact and collaborate in various ways.

Equip students and teachers with mobile devices for interactive and enriched education

Samsung can provide comprehensive offering of mobile devices in multiple form factors and platforms of highest quality and reliability. The devices offer students with an intuitive, interactive learning experience through multitouch screens and easy connectivity. The exclusive S Pen feature on Samsung GALAXY Note further enriches learning experience with its realistic writing functionality. Equipped with these innovative tools, teachers can facilitate students’ interactivity and engagement in learning.

Samsung’s powerful mobile devices include:

Samsung GALAXY Tab3 10.1 for dynamic learning possibilities

With Samsung GALAXY Tab3 10.1, students can experience the convenience and power of digital education. The tablet’s slim, lightweight design and powerful performance enable students to access and share educational content easily and conveniently wherever they are. The ease of use, high performance and enhanced interactivity of Samsung GALAXY Tab3 10.1 creates a dynamic learning experience to meet the expectations of today’s tech-savvy students

- **Enhanced mobility.** Take Samsung GALAXY Tab3 10.1 with you anywhere with its design made for portability.
- **Greater interactivity.** Create a dynamic learning experience with enough power and performance to access and share content anywhere, anytime.
- **Durability.** Samsung GALAXY Tab3 10.1 is a robust device that can endure various situations that can occur in the classroom, including drops from the desk (91 cm).

Figure 1. Samsung GALAXY Tab3 10.1 provides greater mobility for students to interact and learn dynamically.

Samsung GALAXY Note 10.1 to stimulate learning activities

Samsung GALAXY Note 10.1 provides new ways to stimulate student interest and enrich the learning experience with advanced digital technology features. The embedded S Pen feature provides responsive, pressure-sensitive handwriting functionality for a realistic writing experience directly on the screens of the students’ mobile devices. This appealing feature also enables students to take class notes on their devices with the S Note function and save the notes for later reference.

- **S Pen and S Note.** Write on your Samsung GALAXY Note 10.1 with an innovative digitized pen (S Pen). The combination of S Pen and S note enable students to take notes during class and save their writing for review.
- **Performance.** Improve learning efficiency with GALAXY Note 10.1’s robust multitasking functionality. Users can smoothly use multiple screens and applications on the device, powered by 1.4 GHz Quad Core Processor and 2GB RAM.

Figure 2. Samsung GALAXY Note 10.1 is equipped with the functionalities that enable rich and engaging learning experience.
Enhance learning environment with effective devices and solutions designed for schools.

**Samsung Chromebook for an easy, affordable smart education option**
Samsung Chromebook is the perfect option for education providers who want an affordable, easy-to-carry device with fast, powerful features. Users can benefit from the competitive price and reliable performance, as well as the simple device management with built-in Cloud access that supports automatic updates. Plus, educators can preinstall rich education applications to provide students with convenient access.

- **Affordable price.** Attain a reasonably-priced device with high performance along with reliability.
- **Ease of management.** Streamline support and centralize management with automatic updates from built-in Cloud.
- **Enriched Education.** Utilize rich educational applications from the Chrome Web Store.

**Samsung ATIV Tab3 for a full Microsoft Windows 8 OS and app experience**
Samsung ATIV Tab3 gives students and teachers the rich Microsoft® Windows® 8 OS experience. This flexibility enables the use of Windows 8 apps, including Microsoft Office, on a tablet. Samsung ATIV Tab3 also delivers more competitive advantages over notebooks with its enhanced portability and convenient usability.

- **Windows OS Compatibility.** Enjoy the flexibility to use Windows 8 OS and applications including Microsoft Office. Samsung ATIV Tab3 provides users with preinstalled MS Office 2013 Home & Students Version bundled with free Microsoft Widows & Office for enhanced usability.
- **S Pen feature.** Samsung ATIV Tab3 is equipped with S Pen functionality to enable students to write down notes and better interact on the device for enhanced engagement.
- **Portability.** Gain higher mobility and convenient usability over notebooks.

**Teach and manage students simply with an innovative and customizable solution**
Samsung education offerings include Samsung School solution, a total digital education package that integrates Samsung GALAXY Note 10.1 with interactive learning tools. The solution can operate on two types of configurations, School Mode and Class Mode, to offer more flexibility in storing, managing, and sharing educational content and student information. The innovative Samsung School solution helps teachers engage students in the learning experience and provides classroom management at heightened levels of efficiency and performance.

**Figure 3. Samsung Chromebook is a perfect choice for any educational environment.**

**Figure 4. Samsung ATIV Tab3 comes with the Windows compatibility for greater usability in classrooms.**

**Figure 5. Samsung School solution provides interactive learning tools that boost student enthusiasm to participate in class and help them retain what they learn.**
Increase interactivity and improve classroom management for enhanced, student-centric learning.

Raise student retention by providing an interactive learning environment
Students become more engaged in subject matter when they receive hands-on experience and opportunities to collaborate with fellow students, which help them better retain what they learn. Various features available with the Samsung School solution provide innovative ways for educators to manage the classroom effectively while helping students collaborate and engage in learning.

Manageable
Screen Monitoring
Remotely monitor students’ progress in class and provide individual help more quickly using the Screen Monitoring feature. Also, teachers can display a specific student’s screen on large display devices such as e-Boards and share it with the class. The teacher can also monitor students’ progress and provide individual attention according to the student’s level of understanding. Individual student attention and interaction with other students not only provides customized support, but creates a more engrossed class.

Student Device Control
Avoid student distractions by preventing students from accessing non-class-related content and activities on their devices with the Student Device Control feature. Teachers can maintain constant engagement by sending the offending student a block message. They can also lock the student’s device by blocking from accessing non-class-related materials, websites, apps and so forth. Plus, teachers can activate specific apps on student devices to keep students engaged in the class.

Remote Launch
Remote Launch helps teachers use learning resources and guide students during class. Teachers can send website connections needed for assignments directly to students’ tablets or activate learning applications. They can also use a timer to time specific learning activities or exams.

Course Administration
Educators can easily create and organize courses through the use of simple management tools. The Samsung School solution’s interactive, intuitive user interface helps students participate in classes more easily. In Class Mode, students can conveniently join the class through a Quick Response (QR) code or by an invitation message. In School mode, students can automatically participate in classes.

Content Management
Public Library enables effective content management by storing a large amount of data on a central server which students can access. As an information hub, the server enables individual users or classes to conveniently and efficiently share or use various content.

Local Library on teachers’ and students’ PCs and tablets allows fast, easy content access. Teachers can share course materials in Public Library. Students can access Public Box and download learning content. In addition, teachers can centralize and manage student questions, quizzes and polls with Quiz Bank.

Lesson Toolbar
Teachers can launch applications and content quickly with ease using the Lesson Toolbar feature to engage students in learning. Teachers can continue to use primary functions of Samsung School through Lesson Toolbar while they view other content on their screen. Using the Annotation feature, teachers have the ability to write on any content displayed on their screen. In addition, with the Screen Sharing feature, teachers and students can see what’s on each other’s screen to further enhance interactivity. Such interactive learning can provide students with a highly enriched, dynamic experience while teachers have more flexibility to meet the spontaneous learning needs that come up during the lesson.
Use leading-edge tools to communicate, view and interact with a wealth of learning materials.

**Improves classroom management with the adoption of partner solutions**
Schools can adopt third-party mobile device management (MDM) solutions compatible with the Samsung School solution to extend classroom management capabilities. These solutions offer an enhanced ability to control students’ devices in class. Features such as Auto Preparation for Class, Advanced Device Management and Anti-Virus and Malware Protection make learning more efficient and productive.

**Instead of combing through piles of paper, teachers can handle class management functions on their mobile devices with Samsung’s easy-to-use management tools.**

**Collaborative**

**Separable Canvas**
Split an image into separate sections and enable each group member to complete individual part of the assignment. The group leader can combine the split sections together and submit the compiled assignment to the teacher.

**Communication**
Teachers and students can communicate with the Texting and School Announcement features. Students can ask questions or send their opinions to the teacher and get answers using the Texting feature. In addition, students can check school information through School Announcement feature.

**Digital Handwriting**
Enables students to write, draw and interact fluidly on Samsung mobile devices with S Pen and S Note. The responsive, pressure-sensitive handwriting capability provided by the S Pen supports different learning styles that appeal to students. Students can also save their notes to keep track of what they were doing and help them prepare for and engage in subsequent classes.

**Engaging**

**Screen Sharing**
Create dynamic interaction among class participants by enabling teachers and students to share content with each other on their tablets using the Screen Sharing function. While sharing a screen, a student or teacher can write on the screen that is being shared to interact for greater engagement. In addition, files can be shared through the File Transfer function.

**Quiz and Poll**
Using various templates for quiz and poll creation, teachers can create short answer, multiple choice, and true or false questionnaire with ease. They also have access to diverse types of image to make quizzes more engaging and creative. For polls, teachers have various options including using colors or drawings instead of text. With these options and functions teachers will find quiz and poll creation a much easier process, becoming able to quickly assess students’ needs to change lesson plans accordingly and encourage student engagement.

**Figure 9. The Quiz and Poll feature provides tools for teachers to create more engaging and creative quizzes and polls to effectively assess students’ needs and progress.**

**Group Discussion**
The Group Discussion feature allows up to six participants to simultaneously write on the screen, which enhances interactivity as well as increase the chance for students to participate in group activities.

**Group Report**
A group leader assigns each member to complete a section of a report on the provided template on their own tablets. When the members complete the sections, the group leader can combine the reports into a single report.
Leverage advanced technology for a smarter learning environment.

**Viewer**

Teachers and students can access, view and use various types of lesson content with Viewer. File types include: Microsoft® PowerPoint®, Microsoft Word®, Microsoft Excel® and PDF. Images in JPG, PNG, GIF and BMP formats can also be viewed. Students can automatically access content prepared by the teacher before the class. Using Viewer, teachers and students can directly access hyperlinks and web links. Content is automatically fitted to the Viewer screen with the auto-rotation function, which enables the viewing of horizontal content in a vertical format.

**Benefit from Samsung’s strategic partnerships with education content providers**

By fostering strong partnerships with leading education content providers, Samsung is well-positioned to provide myriad content and learning enhancement features compatible with Samsung’s mobile devices.

**Access rich educational content in a vast selection of subjects and grade levels**

Students and teachers can access abundant content on their Samsung mobile devices from virtually anywhere, heightening the learning experience. Using Samsung’s Android devices, they can download and use a variety of educational apps available on Google Play to enrich learning and enhance their understanding. Samsung also supports the Learning Hub open-market content platform in some nations, providing access to over 6,000 textbooks and videos geared to a range of age groups, which are organized into 2,000 categories for effective use of content.

**Augment the usability of content with innovative learning enhancement features**

Samsung’s wide range of mobile devices further benefits teachers and students by providing the following innovative features designed to enhance the use of content.

**S-Educate using Samsung S Pen**

For example, S-Educate, a mobile application for Android devices, combines the power of Samsung S Pen with videos by content providers. One of the exemplary cases, the combination of S Pen and Khan Academy’s award-winning videos helped improve the learning experience. Students would take notes with S Pen directly on the same tablet they are using to watch the Khan Academy videos, and solve exercises as they watch the video. With S-Educate, teachers can create video-related courses directly on Samsung mobile devices to provide students with enriched learning experience.

**Enhance smart educational environment with useful additions**

**Maximize smart education solutions with enhancing accessories**

Smart device accessories deliver additional classroom support through innovative accessories. These include AllShare Cast Dongle for a seamless connective learning environment and Charging Station to keep devices constantly powered so that schools can get the most out of their investment in smart education.

**Ensure educational continuity with full coverage of technology**

**Protect devices with various service packages to increase efficiency**

With Samsung Mobile Care Pack, receive flexible and convenient device protection to ensure educational institutions continue to run smoothly in the face of unforeseen events. Samsung Mobile Care Pack is essential for schools where devices can be easily worn out or be damaged from constant use by students. A wide range of services include Extended Warranty, Accidental Damage from Handling and Advanced Exchange Service to enhance efficiency and continuity.
Transform the learning environment with Samsung

Samsung provides comprehensive educational solutions including innovative mobile devices, efficient teaching and management solution, powerful content, smart accessories, and supportive Mobile Care Pack to motivate and transform the entire learning environment. Such extensive offerings create an interactive learning experience while improving students’ retention, collaboration skill, and desire to reach their highest potential.

Samsung School solution includes a full suite of mobile devices equipped with enhanced mobility and interactivity to increase both engagement and productivity. It encourages interactive teaching through students’ active participation and equips teachers with easy-to-use class management tools. The management feature of Samsung School can be enhanced with compatible 3rd party MDM solutions. Partnerships with leading content providers give teachers and students access to an almost limitless wealth of educational materials from around the globe. A complete set of smart accessories and service packages help educational providers enhance efficiency and effectiveness of solutions and devices to deliver full end-to-end support.

With Samsung, schools and educational institutions can create the next generation classroom. Samsung, a leader in innovative mobile technology and educational solutions, provides students and teachers with the exceptional learning experience they need to unleash their full potential.

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of televisions, smartphones, personal computers, printers, cameras, home appliances, LTE systems, medical devices, semiconductors and LED solutions. We employ 236,000 people across 79 countries with annual sales of US$187.8 billion. To discover more, please visit www.samsung.com.

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