

Gyeseong Elementary School uses Samsung TS-3 Series to create a dynamic learning environment



Overview

Business issue

Gyeseong Elementary School wanted to enhance its students' learning experience with interesting, interactive teaching tools to hold the students' attention and increase their enthusiasm to learn. The school also wanted a mobile solution to expand the students' education outside the classroom.

Solution

The school implemented the Smart School solution, a mobile educational environment that supports multimedia classes using the Samsung TS-3 Series interactive whiteboard (IWB) and Samsung GALAXY tablets.

Results

Teachers increased their effectiveness by engaging the students in the overall learning experience. They can share educational content through the Samsung TS-3 Series to the students' GALAXY tablets quickly and easily for a more focused learning environment.

The interactive software helped increase student participation, attention span and engagement with the teacher, which increased learning effectiveness and student interest. The experiment was so successful that Gyeseong Elementary School now uses the Samsung TS-3 Series technology in all its classrooms.

"Students, who are familiar with IT devices, can enthusiastically participate in class. Level-based lessons are now possible. I expect that educational effects can be maximized with Smart School solution by combining IT with education [for] many schools."

– Sun Ok Nam-Geung, Principal,
Gyeseong Elementary School

About the client

Founded in 1882 with 11 students, Gyeseong Elementary School is a private Catholic school located in Banpodong, Seocho-gu, Seoul, South Korea. The school's primary goal is to develop individuals who are well-adjusted for the future through a quality, well-rounded education. In 2006 the school moved to a new, high-tech campus where it offers comprehensive, state-of-the-art educational services. Today, it employs 125 school personnel and has an enrollment of 720 students. The school's extensive curricula focus on developing healthy bodies and minds, making Gyeseong Elementary School a leader in Korean Catholic schools.

The Samsung Smart School solution experiment made learning fun.

Challenges

Gyeseong Elementary School needed a way to better engage students in the learning experience. The school also wanted an all-encompassing learning environment where students could continue to study lesson plans outside the classroom. Gyeseong decided to implement state-of-the-art technology to enhance the learning process and increase student interest.



Figure 1. Samsung TS-3 Series increases students' attention span and eagerness to learn.

Solution

One fourth-grade class of 30 students at Gyeseong Elementary School was selected to participate in the Smart School solution experiment, a mobile educational environment that supports two-way multimedia classes using the Samsung TS-3 Series and GALAXY tablets. The goal was to increase the students' enthusiasm to learn through enhanced classroom interactivity.

Using easy-to-use MagicIMS™ (Interactive Management Solution) software, the teacher shared information displayed on the electronic whiteboard with students on their tablets. In addition, the mobile learning management system (m-LMS) provided the teacher access to various education management functions, such as subject matter sharing and assignment management.

With the Samsung TS-3 Series touchscreen technology, the teacher could either touch or draw on the whiteboard and the same image was simultaneously transmitted to the students' tablets. In turn, the students could ask or answer questions in real time, take quizzes or do homework from their tablets and transfer that information back to the teacher. This multimedia communication improved student concentration and provided a stimulating learning environment.



"I used to hand out pictures or copies of articles, but now students can search for themselves. So I don't need to spend time in front of the copy machine."

– Gi-Sung Cho, Teacher

Interactive learning tools enhance student participation.

Benefits

The entire multimedia learning experience using the Samsung TS-3 Series benefits the teacher and the pupils. Improvements include:

- Increased student concentration and interest, sparked by the drawing feature
- Enriched communication by enabling students to ask and answer questions using their handheld tablets in real time
- Simplified administration of quizzes, grading, homework submissions and surveys using tablets
- Efficient monitoring and control of the information delivered to students' tablets
- Improved ability to share lessons and save them for future reference
- Expanded note-taking capability on videos, Adobe® Flash® files, Microsoft® PowerPoint® presentations and other electronic educational materials
- Anytime access to learning materials, which enables students to continue studying when they are away from the classroom
- Ability for teachers and students to create a collaborative project using wiki functions



Figure 2. This multimedia learning experience enables students to ask and answer questions using their handheld tablets.

Samsung TS-3 Series with touchscreen technology

The Samsung TS-3 Series delivers the ultimate learning environment with high-definition visual imagery and touch-screen computer capabilities. The IWB enables the teacher to write notes on the screen with a finger or a touch pen. This natural and intuitive feature engages students in the lesson and holds their attention, which enhances the entire learning experience.

The large format display delivers crystal-clear picture quality at wide angles, affording students the same viewing experience wherever they are seated. This superb picture quality improves classroom participation and increases student attention span. In addition, the TS-3 Series has two built-in speakers that enable the teacher to play educational videos and other types of content without additional equipment.

The Samsung TS-3 Series combines the simplicity of a whiteboard with the power of a computer for an enhanced interactive learning experience.

Legal and additional information

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For more information

For more information about the Samsung TS-3 Series, visit www.samsunglfd.com.



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