ViewSonic Helps Taguig City Schools Boost Student Participation by Over 40%

"The ViewBoard addresses the real-world needs and creative ways of teaching. It captures attention and helps teachers with some of our problems when it comes to teaching."
– Paul Capatoy, Teacher, Makati Science High School

Taguig Local Government Unit

- **Location:** Taguig City, Metro Manila, Philippines
- **Interviewed:** Schoolteachers
- **Industry**: Secondary Education

Challenge

In standard public school classrooms, educators relied heavily on static chalkboards, whiteboards, and low-contrast projector systems. These traditional tools proved highly ineffective in engaging large, dense classes of 50+ students. Dim displays and window glare made reading difficult, especially for students seated in the middle and back rows, creating barriers to learning and widening student comprehension gaps.

Solution

To eliminate these visual and pedagogical bottlenecks, the Taguig Local Government Unit launched a classroom modernization initiative, procuring 406 **ViewBoard® IFP6551 interactive touchscreen displays** across six pilot public schools. Powered by the **myViewBoard visual learning suite** and **AirSync wireless casting**, the displays provided a dynamic digital workspace that integrates interactive lesson plans, cloud storage, and simplified device management via **ViewSonic Manager software**.

Result

ViewSonic Education Solutions successfully converted traditional classrooms into highly visual, collaborative learning hubs. The vibrant, high-resolution ViewBoard displays solved classroom visibility issues and boosted student engagement by over 40%. Meanwhile, the integrated digital ecosystem streamlined lesson planning for teachers while allowing school IT to monitor and maintain classroom devices remotely.

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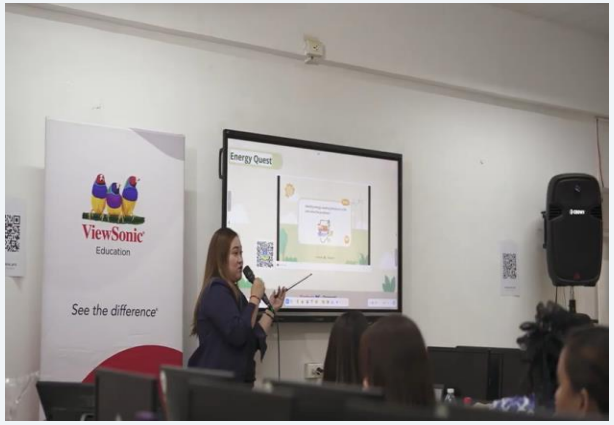

Background

For decades, public schools in the city of Taguig have relied on traditional classroom setups with blackboards and static visual aids, which are no longer sufficient to meet the needs of students and teachers today. The Taguig Local Government Unit (LGU) launched the Taguig DigiTech Program to modernize classrooms across the city. Under the leadership of Mayor Lani Cayetano and the Taguig Technical Working Group (TWG), it aims to replace outdated education technology and create digital learning environments that are more interactive. Six public schools were chosen to pilot this initiative, with ViewSonic's technology driving the transformation.

Challenge

In crowded classrooms with 45 to 55 students, conventional instruction methods present barriers to teaching and learning. Students sitting in the back rows often struggle to see the board clearly due to physical distance and glare from the windows. They are also less engaged in lessons, which lack multimedia and meaningful opportunities to interact.

For teachers, manually writing and erasing content on the board detract from time dedicated to teaching, ultimately slowing down the pace of each class. It is also physically exhausting and makes it harder to keep students interested in learning.

Taguig's public schools needed a classroom setup that would allow all students to see and take interest in educational content while equipping teachers with the tools and skills to make that content more interactive. At the same time, the solution would need to simple enough for IT to deploy and manage across the entire campus.

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"ViewSonic ViewBoards have brought our lessons to life. Students are no longer passive listeners; they are active participants, collaborating directly on the screen."
– Aubrey Danque, Teacher, Benigno "Ninoy" Aquino High School

Solution

To systematically address visual limitations and modernize classroom engagement, 406 **ViewBoard IFP6551 interactive touchscreen displays** were deployed across 6 schools through the pilot of the Taguig DigiTech Program.

Featuring 4K Ultra HD resolution and anti-glare screens, these cutting-edge displays deliver exceptionally bright, sharp visuals, ensuring that even students seated in the farthest rows can clearly view lesson materials such as diagrams, text, and multimedia.

The displays are supported by a robust software ecosystem designed to maximize classroom and administrative efficiency:

- **myViewBoard** offers an interactive digital canvas designed specifically for modern educators. It allows teachers to easily import existing PDF, PowerPoint, and Google Slides lessons and use built-in tools like protractors, math formulas, and periodic tables to annotate files. A safe search tool enables dragging and dropping multimedia content to design games, quizzes, puzzles, and more, turning passive lessons into active, collaborative experiences.
- **AirSync** enables secure, wireless casting to the board from any device in seconds, allowing teachers to share or edit materials on screen more conveniently. With multi-device split-screen support, they can even invite students to present content simultaneously.
- **ViewSonic Manager** gives IT administrators a way to remotely monitor, update, and control classroom displays across campus as needed, without needing to interrupt lessons or travel door to door. It also allows for instant broadcasting of important announcements.

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Result

Since the deployment of the **ViewBoard IFP6551 interactive displays** across the six pilot schools, classroom dynamics have shifted significantly. Teachers report **over a 40% increase in active student participation** during board-centered group activities. The highly visual, immersive nature of **myViewBoard** has enriched lessons and encouraged hands-on collaboration from every corner of the room. The solution has also proven easy to manage by school IT thanks to the **ViewSonic Manager** software.

Other key benefits have included:

- **Maximized Instructional Time:** By moving past physical paper layouts and messy blackboards, daily lesson setup is now faster, allowing educators to dedicate more time to active, direct instruction.
- **Enhanced Inclusivity:** The high-resolution screens ensure that complex diagrams, texts, and multimedia are visible and legible to all students, including those seated in the furthest rows.
- **Model Smart Classrooms:** The success of the upgraded classroom setups has established these pilot schools as models for other institutions to follow.