

DILIMAN PREPARATORY SCHOOL BRINGS CLASSROOMS TO LIFE BY CREATING INNOVATIVE LEARNING ENVIRONMENTS WITH HP



Diliman Preparatory School in Quezon City, Philippines, serves some 2,400 students in two campuses, from toddler level through to four-year college courses. Its mission is to create a state-of-the-art learning environment through an education programme that is future-driven, innovative, holistic, transformative, inter-disciplinary, and value-laden. One stated goal is to bring out the 'genius in every child'.

Over the past five years, the school has undertaken an extensive upgrade of academic programme, part of a wider overhaul of the facilities. For teachers at Diliman Prep, creating an environment conducive to learning is an important part of the education process. At the heart of this approach is creating welcoming, colourful and interactive surroundings which inspire the children and help the teachers to make lessons truly engaging.

"Several years ago, I saw an exhibition where Norde International showcased full-colour quality printing on a variety of surfaces," explains Nikki Coseteng, President and CEO of Diliman Preparatory School. "I was fascinated. I saw a door with 'The Incredibles' printed on it, a piece of plywood printed with a beautiful Indian woman, and a piece of glass with a horse. I said that's the way I want my school to look: attractive, with inspiring images and stimulating colours. If our kids learn in that environment, then they might become great architects, engineers, city planners...and our cities would not look like they do."

Colourful prints on any surface

Enthused, Coseteng contacted Norde International Distribution to discuss whether there might be an affordable solution. Norde suggested working with Scan Livingston Graphics, a local print specialist whose range of HP solutions would allow the school to print on ready-to-apply wallpaper and a range of different surfaces, including wood. Using the HP Designjet L25500 and HP Scitex LX600 Printers with HP Latex Inks, and the HP Scitex FB500 Printer, Diliman Preparatory School will be able to produce colourful, exciting and educational large scale images that enhance the educational impact of the learning environment. The school quickly put the technology to use, beginning with the pre-school buildings.

"When Norde International approached us regarding the Diliman School project, the first thing that came to mind was that this is a good idea because at Scan Livingston we are known for our commitment to social awareness," adds Rodrigo Revilla, owner of Scan Livingston Graphics. "The HP Latex printer is unique, reliable, and easy to use because it dries easily when printed out due to its UV technology. We print on wood stickers, wallpapers, and different types of vinyl stickers as well as cloth, backlit materials and a variety of other media. The machine is also around six times faster compared it with the older HP machine that we have, allowing us to increase the volume of the business that we can handle as a company."

At a glance

Industry sector:
Education

Business name:
Diliman Preparatory School

Website:
www.dilimanprep.edu.ph

CHALLENGE

- Make the classrooms bright, colourful and inspirational places of learning
- Enhance the learning experience for children
- Engage the children with large scale visual teaching aids

SOLUTIONS

- HP Designjet L25500 Printer
- HP Scitex LX600 Printer
- HP Scitex FB500 Printer
- HP PVC-free Wall Paper
- HP Wrinkle-free Flag Fabric



RESULTS

- Large, colourful prints cover a variety of surfaces from walls to wood to vinyl tabletops
- The images support the curriculum and engage the children in the learning process
- Odourless solution with environmental certifications fits with the school's ethos of sustainability

"Clearly the classroom is very important in the learning process since the kids spend most of their time there. Everything they learn takes place in the classroom, so if the classroom is too pale or too plain, it can make lessons boring," explains class adviser, Christine Valdez.

"The new design makes the classroom more inviting for the kids. I think the kids will be more interested in coming to school to learn because this is not just a design; it is also a learning tool for teachers. If we are talking about animals, we can ask the kids to explore the classroom, to look at the classroom, ask 'what animals can you see'. I am excited for my students because this is the first time they will see the new classroom – even the tables, chairs and cabinets have been printed with designs."

Printing with the environment in mind

One of the benefits of the HP Latex Ink printing solution, including water-based HP Latex Inks, is that the prints have no lingering odours.¹ HP PVC-free Wall Paper is not only FSC Certified,² it also contains ten per cent recycled content – making it an attractive choice for environmentally conscious customers. Providing additional assurance, prints on HP PVC-free Wall Paper using HP Latex Inks are GREENGUARD Children & Schools Certified² and meet AgBB criteria for health-related evaluation of VOC emissions of indoor building products.³

For easy installation, HP PVC-free Wall Paper comes pre-pasted with adhesive, dehydrated glue, which is pre-applied to the back of the paper, which means it can be applied immediately after printing using only water, making it easier to apply than traditional wallpaper, while meeting commercial wall-covering standards.

Flatbed printing enables a variety of applications

Thanks to the Scitex FB500 solution, a flatbed printer that can print on a wide range of rigid or flexible surfaces such as wood, glass and fabric, the school is also able to print beyond their walls. Tables, cabinets and chairs have been redecorated with colourful designs to create stimulating images everywhere. Shelves are covered with printed HP Wrinkle-free Flag Fabric allowing for contrasting textures within the classrooms.

"The nuances and fineries in life have to be taught early in the proper way and in the proper environment," says Coseteng. "With the support of HP Latex Ink Printers, which are designed to reduce the impact of printing on the environment, we can convert this school into an ideal learning environment."

"I like the way the HP printing materials only took a day to install and we can use the rooms immediately because the HP Latex Ink prints are odourless. We didn't have to keep the windows open and wait a week which adds a lot of value to this technology."

Beyond the pre-school environment

Having started the project of creating colourful artwork for the pre-school learning environment, Coseteng is now looking at rolling out across other parts of the school.

"It is very pleasant to have printed walls, fabrics, rubber sheets, glass and wood. I think it's amazing; even the faculty members think that they're in another world," concludes Coseteng. "We create this environment for students while they're still in pre-school and I'm sure it is something that they will look forward to as they move on in their educational experience at Diliman Preparatory School."

"We know that the classroom is a big factor in a child's learning. The classroom decorated by HP prints will be beautiful for the kids and the designs will be more interesting too."

— Sarah Bisero, Parent, Diliman Preparatory School

1) Printers using HP Latex Inks use internal heaters to dry and cure the latex polymer film. Some substrates may have inherent odour.

2) HP PVC-free Wall Paper printed with HP Latex Inks is GREENGUARD Children & Schools Certified.SM See www.greenguard.org

3) HP PVC-free Wall Paper printed with HP Latex Inks meets AgBB criteria for health-related evaluation of VOC emissions of indoor building products. See www.umweltbundesamt.de/produkte-e/bauprodukte/agbb.htm

To learn more, visit www.hp.com/go/graphicarts

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