

PolyVision Survey Reveals That 97% Teachers Believe Writing on Boards Is an Essential Tool to Increase Learning

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Mumbai, March, 2016: In a bid to reduce the education inequity in India, one of world's leading CeramicSteel manufacturers, PolyVision, launched an initiative in India to provide a vital premium teaching tool to classrooms which needed it the most. In partnership with Teach for India, and Whitemark Limited, the company's national distributor in India, PolyVision donated hundreds of high quality e³ CeramicSteel whiteboards and chalkboards to underdeveloped classrooms across seven cities; Mumbai, Delhi, Pune, Bangalore, Hyderabad, Chennai and Ahmedabad and will continue their donation efforts with Teach for India throughout the year.



To measure the positive effects on teaching and learning capabilities PolyVision launched a post installation survey for the teachers. This survey has helped in determining the ease with which a teacher can now conduct classes. Additionally it highlighted some of the core stress points that teachers and students have had to deal with until now.

These new writing surfaces not only help teachers communicate to the students better but also help the children learn better together. Patel teaching in Mumbai points out that “In a lesson, having the students make a connection between what the teacher is saying and words or images on the board is crucial to understanding a topic and improving one’s vocabulary. Visual learning is particularly important in primary classrooms.” While writing information and ideas on a whiteboard or chalkboard frees users from having to remember important information, displaying information helps create shared group knowledge. “When the teacher is writing the kids have time to absorb the content slowly also the kids understand how to start and end a paragraph. How to present answers in exams,” says Aditya from Pune.

Whiteboards make it easy for users to collaborate by jotting down thoughts, drawing correlations and building on each other’s ideas. Many teachers reported struggling with basic issues such as being able to write clearly on and erase the writing surfaces they were previously using. Not only did this cause them unnecessary stress but it also ate into their class time. As Dhwani from Pune noticed, “It is through visual aids like drawing and labeling that my young students increase their vocabulary easily. Hence, being able to erase and write very fast to be able to

keep up with their energy levels.”

A research undertaken by the University of Washington demonstrated a special relationship between the hand and the brain when a person composes thoughts. Finger movements activate regions of the brain involved in thinking, language and working memory. While teachers faced difficulties using their old writing boards themselves, they could rarely conduct learning sessions where the children could also use the tool to learn in a group. However post the installation of their new e³ CeramicSteel board Divya reports her students in Mumbai “were very happy to see the new white and bright board in the classroom. I even ask them to solve the problems on the board and they come running to solve the sums. We are also very comfortable in showing videos. It is much clearer.”

The fact that India reports, a school drop-out rate of 40% at the elementary level while 4% never make it to school, is alarming. Reports also claim that the low quality of education is the prime deterrent, resulting in only 10% of Indian children being able to go on to college. The numbers unearthed by the survey indicate how important this initiative is as a step towards the goal to ensure that the future generation of India has a chance of writing a better future for themselves.

Eliminating Educational Inequity

PolyVision

In partnership with Teach for India, a nationwide movement working towards eliminating educational inequity in India, and Whitemark Limited, the company's national distributor in India, PolyVision donated hundreds of high quality e³ CeramicSteel whiteboards and chalkboards to under developed classrooms across 7 cities in India.

After several months of using the new writing surface, PolyVision asked teachers to talk about their experience in the classroom and what changed with the higher quality writing surface.

PolyVision donated writing boards to classrooms in seven cities across India:

Mumbai
Delhi
Pune
Bangalore
Hyderabad
Chennai
Ahmedabad

“The quality of PolyVision's writing board has elevated the clarity of the presentations, which gets students more engaged with the lesson.”

NIKHIL PUNE

“If a teacher's writing is clear on the board, children can understand properly and learn to write neatly.”

ASTHA MUMBAI

“It is through visual aids like drawing and labelling that my young students increase their vocabulary.”

DHWANI PUNE

2%

of teachers are managing to utilize their classroom time efficiently with the subpar writing resources available.

75%

of teachers struggled daily with ghosting or smudging of chalk.

87%

of teachers had to make a class of 40-60 students focus using sub par writing boards or painted concrete walls.

97%

of teachers believe the e³ CeramicSteel board outperforms their old board (low quality chalkboard or painted concrete wall).

93%

of teachers reported that erasing on the e³ CeramicSteel is easier than their previous surface.

90%

of teachers find their students communicate better due to the new PolyVision e³ CeramicSteel visual aids.

85%

of teachers believe that their class is retaining information better after installation of the PolyVision e³ CeramicSteel writing boards.

81%

of teachers have noticed positive learning outcomes since using the new e³ CeramicSteel surface.

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