

Indonesia Case Study: Expanding Learning Horizons



1. BACKGROUND

To students of Sekolah Bina Gita Gemilang, tests are not the daunting tasks they once used to dread. Lessons are something to look forward to and homework is no longer a tedious undertaking. This change is largely due to their newly revamped methods of learning through the incorporation of ICT into school curriculum.

Since July 2013, teachers at Sekola Bina Gita Gemilang have been integrating Marshall Cavendish Education's digital learning portal in their lesson instruction. Through the e-learning content and various digital tools available, teachers have managed to create 21st century learning experiences for their students to great success.



2. E-LEARNING IN SEKOLAH BINA GITA GEMILANG

The digital portal currently engages 192 students with its multimedia resources. Through interactive activities supplemented with lively animations, students are more receptive to learning new topics. Teachers noted that before, when classes were taught using traditional classroom material such as printed materials, their students were easily bored and had trouble visualizing concepts. Now, tutorials are illustrated through videos which are narrated by interesting characters that students can relate to easily. Students visibly enjoy learning and are able to absorb lessons better.

By easing the learning process, the digital portal has encouraged students to continue exploring learning on their own. If they do not understand lessons learnt in class, the portal's online capabilities and step-by-step guidance ensure that students can revise the topics at home and assess their understanding through the immediate feedback they receive from the auto-grading system.

Teachers are also more empowered in class - with the repository of ready-to-use lesson material on hand, they can save time sourcing for new lesson material and spend more time on actual lesson facilitation. In this way, they can pay more attention to students' needs and focus on weaker students.

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3. OUTCOMES - STUDENTS

Through its interactive activities and interesting videos, the portal has helped students expand their learning capacity by enabling enjoyment in their learning process. Teachers have observed that students are more willing to learn when they teach lessons that utilize the portal's resources. They noted that students enjoy learning with the interactive lesson slides and videos, and this in turn boosts their understanding of new concepts.

Lessons are also less intimidating for students now. Teachers noted that students are more assured and confident when using the portal due to the friendly avatars that narrate the lessons for them. The simple language the avatars use is easily understood by the students, whom are also motivated by the encouraging remarks the avatars make at certain points during the online tutorials and quizzes.

In English lessons, teachers have observed that their students are more confident when speaking the language. They commented on the effectiveness of one of the portal's English programmes, English Oral Buddy, in helping students hone their English language skills through the simple strategies provided. Students are also more knowledgeable about the expectations required of them during oral examinations with the programme's guides and model answers.



4. OUTCOMES - PARENTS

Having seen an improvement in their children's learning progress, parents have been extremely positive about e-learning. They commented that their children seem to understand the various subjects better and are eager to check the learning portal for assignments to complete. In addition, their children seem to be able to complete their online homework with more speed and accuracy than before.

Overall, parents welcome the concept of their children learning through the online portal. They are happy that their children are given the opportunity to hone their computer skills while learning and laud the multiple benefits of the portal.



Students diligently engaging in interactive online tutorials after a stimulating teacher-led discussion

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5. TESTIMONIALS – STUDENTS

“It excites me to learn through the learning portal. I will listen more intently to the tutorials and do the fun activities more carefully so I can get a good score from the quizzes.”

Alaika
P3B student, Sekolah Bina Gita Gemilang

“I find it quite boring to study using only practice books. I like the portal because it helps me learn various subjects and theories through playing games. It has really helped me a lot in preparing for my tests.”

Tyrone
P4A student, Sekolah Bina Gita Gemilang

“I can finally experience interactive learning through the portal. The animations are enjoyable and provide me with added information that can’t be found in our books.”

David Alhany
P5A student, Sekolah Bina Gita Gemilang

“Before using the portal, studying was boring and monotonous for me. Now, I find that the portal refreshes my mind with its challenging questions and activities. It also provides explanations that are easy to understand and help prepare me for tests. I use it often, especially when I have assignments and even during my free time!”

Reinha
P6A student, Sekolah Bina Gita Gemilang

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6. TESTIMONIALS - TEACHERS

“The online portal provides us with ready-to-use material like interactive lesson slides that help us teach concepts which are hard to visualize to students. I can assign exercises as homework too, which the auto-grading system will mark.”

Devi Yunitri
P3/4 English teacher, Sekolah Bina Gita Gemilang

“Through the portal, lessons are now delivered in interesting ways and students can master concepts easily. I use the portal to introduce every new topic because of the numerous explanations and practices that come with the activities.”

Yuni Puspita
P3/4 Mathematics teacher, Sekolah Bina Gita Gemilang

“I only need to log in and I can find a variety of online worksheets for my students, who now show more interest in learning.”

Den F. Wukandari
P5/6 Mathematics teacher, Sekolah Bina Gita Gemilang

“It’s very helpful for the teachers because everything is available in the portal and this lessens our workload. E-learning is also a new way for students to learn and this excites students - they can even interact with one another after school through the Social Learning Wall!”

Ms Tanti
Teacher, Sekolah Bina Gita Gemilang

“It gives me a variety of resources to choose from in my lesson planning. I can browse for materials in the lesson and test bank, and integrate them into my lesson plans. I can also search for and assign materials related to the topics covered in my lesson plan, and review the answers together with my students in class.”

Natalie Rende
Teacher, Sekolah Bina Gita Gemilang

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7. TESTIMONIALS - PARENTS

“My child’s vocabulary and grammar skills have improved. She can do Mathematics problems faster too. Even her computer skills have improved.”

**Tasya Purba, parent of P3A student, Ayra Intan Christabel Sirait
Sekolah Bina Gita Gemilang**

“Teuka enjoys learning through the portal. The fun activities make difficult subjects and topics more interesting to her.”

**Lisa, parent of P6 student, Teuka
Sekolah Bina Gita Gemilang**

“Elsha is more eager to study now. She has a better understanding of the different topics from watching the animated tutorials.”

**Ina, parent of P5B student, Elsha Djohan
Sekolah Bina Gita Gemilang**

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ABOUT MARSHALL CAVENDISH EDUCATION

Marshall Cavendish Education is the leading textbook publisher and preferred co-publisher of the Ministry of Education, Singapore with our core curriculum materials being widely adopted in schools. With this, we were able to contribute to the outstanding performance of Singapore students in international studies, such as TIMSS and PISA, since 1995. Beyond Singapore, our materials have been adopted in more than 50 countries and are available in over 11 languages.

With over 40 years of experience, we have proven our capability in producing well-researched and holistic education solutions of curriculum, technology and professional development to meet the increasing needs of teachers and students in the 21st century.

Curriculum

Our comprehensive curriculum is supplemented by a wide range of assessment books that further challenge learners and encourage critical and creative thinking.

Technology

As Singapore's premiere e-learning solution and service provider, we have been providing schools with an online platform that makes teaching and learning more innovative and effective. With a strong track record in Singapore, we are well-placed for international expansion.

Professional Development

We also believe that teachers play an important role in a child's education. As such, we have a dedicated team of academic experts to conduct research and develop relevant programmes to keep our teachers in touch with the trends in education and sharpen their teaching skills.

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