

**HIGHLIGHTS OF NEW FUTURESCHOOLS****Nan Chiau Primary School**

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Highlights

Nan Chiau Primary School empowers pupils to take ownership and drive their own learning experiences, in collaboration with other learners. The school believes in equipping pupils with 21<sup>st</sup> century competencies, problem-solving and communication skills. As a new FutureSchool, Nan Chiau Primary plans to redesign its curriculum to leverage on emergent technologies such as mobile platforms. The school also plans to explore the use of technology to facilitate the learning of the Chinese Language.

The school's professional development efforts over the years have built deep content knowledge and teaching competencies in the teachers. The school has achieved Spring Singapore's Innovation Class (I-Class) Award twice since 2007 for having a good system for managing and sustaining a vibrant culture of innovation and experimentation. It has also put in place a recognition scheme to acknowledge the innovation efforts of teachers and students. Nan Chiau Primary has consistently won the National Innovation Quality Circles (NIQC)<sup>1</sup> Gold Award since 2008.

Partnerships with IHLs and industry

The school has forged strong partnerships with local and international institutes of higher learning and industry partners to support its ICT programmes. Some examples include ongoing research with the Learning Sciences Lab, National Institute of Education (NIE), and collaborative projects with the Singapore Centre for Chinese Language (SCCL), Microsoft Singapore and Temasek Polytechnic.

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<sup>1</sup> NIQC is conducted by Spring Singapore, where external consultants from IHLs and industries are appointed to evaluate the effectiveness of participating innovations.

## **Ngee Ann Secondary School**

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### Highlights

Guided by Ngee Ann 2.0, which articulates the school's ICT framework, Ngee Ann Secondary's FutureSchool programme focuses on developing new models for the use of ICT in assessment. The school will use the Teaching for Understanding (TfU) approach to guide the design and implementation of its curriculum innovations and assessment tools.

The school leadership strongly advocates the innovative and effective use of ICT for learning and teaching. More than 85 per cent of the teachers have received training in TfU with Technology, which allows for active engagement and participation in the development of curriculum innovations.

### HOLA: A Curriculum Innovation of Ngee Ann Secondary School

In collaboration with Microsoft and ACP Computer Training & Consultancy Pte Ltd, the school developed a programme called HOLA (Heuristic Online Learning Agent), the world's first Windows Live Agent which acts as a multi-disciplinary peer tutor or learning buddy. The school aims to use HOLA to support self-directed learning through the use of Socratic Questioning. To date, it has developed HOLA Newton and HOLA Shakespeare to support the learning of Physics and Literature, respectively. As a Microsoft Mentor School, it is mentoring three Pathfinder schools from Australia, Vietnam and the Philippines in the use of HOLA.