



## NYP students learn maths during field trips to USS

Fancy going on an excursion to Universal Studios Singapore (USS) to learn mathematics?

Ms Lily Soh, 47, and her colleagues at Nanyang Polytechnic came up with the concept.

Ms Soh, who has been a manager of the Engineering Mathematics and Science Group at the School of Engineering since 2014, told The New Paper: "I believe the traditional way of teaching... is not enough."

Two years ago, she and her team brainstormed for new methods to engage their tech-savvy students.

Now, at USS, students must complete tasks such as finding out how tall are the statues outside a ride. The students must use a combination of trigonometry and mobile applications to find the solutions.

The team also introduced projects to help students apply concepts to real-world settings, such as using cans in grocery stores to discuss calculus.

A recipient of the PS21 Distinguished Star Service Award this year, Ms Soh said: "Solving maths problems is usually procedural and students may feel bored. But when students realise applications of maths exist in real life, they become more excited." — **ELAINE LEE**