



# MATHEMATICS

## DEPARTMENT

Our dedicated team of Mathematics teachers



### VISION

To promote and support a comprehensive, innovative and vibrant learning environment that meets the changing needs of a dynamic educational landscape

### MISSION

To enable GESSians to:

- Build a strong foundation in Mathematics,
- Develop a passion for Mathematics and apply what they have learnt in everyday life.

Celebrating our success at the Mathematics Challenge



GESSians learning and having fun at our EBS Learning Journey



## SIGNATURE PROGRAMMES

### MATHEMATICS FUN DAY & MATHEMATICS TRAIL

Learning experiences at our Annual Mathematics Trail



At GESS, learning mathematics is more than just learning concepts and skills. The cognitive skills, process skills and attitudes are equally important.

Through carefully constructed learning experiences in our Mathematics Trail and Mathematics Fun Day, GESSians learn more about Mathematics and see how Mathematics and problem solving skills are relevant in our everyday lives.

### SMO TRAINING

SMO Competition: Great job, GESSians!



The Singapore Mathematical Olympiad (SMO) is the largest and oldest mathematics competition in Singapore. As part of our talent development program, Sec 2 and 4 GESSians who excel in Mathematics are selected for SMO training and they then represent the school to take part in SMO.

### ANCHOR TASKS & PYRAMID TESTS

Working collaboratively to solve problems in our Mathematics Trail



Our GESS Mathematics Department aims to develop critical thinking cum problem solving skills while promoting mathematical reasoning and communication by incorporating anchor tasks and pyramid tests in to our mathematics curriculum. Anchor tasks refer to learning tasks that are used to introduce and/or develop a new mathematical concept. GESSians also get to work collaboratively in groups to solve high order thinking questions as part of our pyramid (group) tests.