

## Summary of Contributions of Fellow of AST 2021 Recipient

**NAME** : Chang Suo Hui  
**DESIGNATION** : Lead Teacher (Mathematics)  
**SCHOOL** : Kranji Primary School

Dr Chang Suo Hui is the Lead Teacher for Mathematics at Kranji Primary School. She is passionate in her pursuit to improve her professional practices, through collaborating in Networked Learning Communities (NLC) to share her expertise and learning with others. She also collaborates with the Master Teachers (MTTs) in the Academy of Singapore Teacher (AST) to plan professional development (PD) for Mathematics teachers over various platforms.

As the core team member of the Primary Mathematics ST-LT Network, Suo Hui shared with Primary Mathematics teacher leaders on inquiry-based learning (IBL) using GeoGebra at the ST-LT Network webinar and during the Mathematics Chapter Learning Day. Sharing from a practitioner's viewpoint, she defused misconceptions of IBL as a Science pedagogy and explicated its use in a Math lesson. Her sharing also demonstrated the value of how integrating IBL and ICT can enhance students' learning experience. It is noteworthy that her sharing had encouraged 25 participants from the webinar to join the GeoGebra NLC to further their exploration of the application in the teaching and learning of Mathematics. She co-led the NLC with the Mathematics MTTs to design lesson ideas leveraging GeoGebra to engage students in problem solving.

Suo Hui co-facilitated a workshop on 'Making Connections through Digital Learning in Primary Mathematics' with the Mathematics MTT. She delved into how teachers could empower students to create and design new games from existing games using ICT tools. She also conducted an e-Teacher-led Workshop on 'Understanding C-P-A in Teaching and Learning of Mathematics Concept', providing perspective on different types of external representation used in the Concrete-Pictorial-Abstract instructional strategy in Mathematics, and helped teachers in enabling students to develop connections between representation and Mathematics.

Suo Hui has strong expertise in infusing ICT in the Mathematics classroom. Her commitment to facilitate the professional development of others in the Math fraternity and to level up their competencies is commendable, and it makes her remarkable educator and Lead Teacher.