

### **Fellow of AST 2022 Recipient**

**NAME** : Ng Bing Fu  
**DESIGNATION** : Senior Teacher (Biology)  
**SCHOOL** : Peirce Secondary School

Mr Ng Bing Fu is the Senior Teacher for Biology at Pierce Secondary School. He is a role model who reads widely, and frequently explores new pedagogy and strategies to improve his classroom teaching. Bing Fu regularly collaborates with Master Teachers and other teacher leaders in planning professional development opportunities for teachers at various platforms, and generously shares his strong pedagogical content knowledge with the fraternity.

An experienced facilitator of workshops, Bing Fu has played an active role at various Biology professional development platforms. His generous and earnest sharing of ideas and learning points has gained him respect from the fraternity. In 2022, 'Professional Learning Session for Beginning Teachers: Practical Skills in Biology' workshop', he demonstrated how DIY Biology Cards designed by CPDD Science can be adapted for various learning experiences for different contexts. Through his skilful facilitation, participants were inspired to continue to think of ways to engage students with the use of DIY Biology Cards. More recently, Bing Fu led a team of Biology teachers to conceptualise and conduct a mini workshop for CPDD Science officers. His team customised the workshop on "A Language-Based Approach to Science Learning". The ideas discussed during the workshop were shared with members of the Linguistic Tools in Biology NLC. Bing Fu's earnest and active participation at these platforms has made significant impact on the subject area.

An advocate for innovation, Bing Fu has been actively sharing with teachers on the STEM programme and practices. His sharing has inspired his audience to explore more possibilities for STEM in Biology in their respective schools. His passion for innovation led him to form a team of six teachers to implement an extended learning experience over two semesters at his school. The team was involved in the setting up of a hydroponic system required for the learning experience of students. The group participated in and subsequently won a team's award for their innovation titled – *Project Grow Local*, at the Empowering STEM Education Professionals Programme (ESEPP) Competition.

Bing Fu is very committed to deepening his pedagogy through championing learning among peers as a facilitator of NLCs. He formed a new NLC, focusing on literacy in Biology, consisting of members from 7 schools in 2021. Besides organising the meetings and engaging guest speakers, he has facilitated and partnered with his peers to explore strategies and develop tools to share among members at each session.

Bing Fu's dedication and commitment to the professional development of teachers through informed research and generous sharing makes him a role model for the fraternity.

