



Stars Build Dreams, Creating the Future



Exploring the Mysteries of the Universe

Our school is fully committed to promoting STEAM (Science, Technology, Engineering, Arts, and Mathematics) and astronomy education, integrating practical experiences into the curriculum. To cultivate students' scientific literacy and exploratory spirit, our school actively promoted STEAM education in recent years. This academic year, we have also highlighted astronomy education as a key focus. In addition to regular classes, the school offers diverse and cross-curricular activities, such as classes, workshops, and stargazing events, we aim to enhance students' fundamental astronomical concepts, observational skills, and interest in natural sciences.



Professional Equipment, Illuminating the Night Sky

To offer high-quality astronomical observation experiences and teaching resources, our school has introduced advanced astronomical instruments, including the user-friendly Seestar S50 smart telescope, the powerful Celestron Nexstar Evolution 9.25 telescope, and the beginner-friendly Celestron AstroMaster LT 70AZ refractor telescope. These devices serve as valuable tools for both teachers and students in their exploration of the universe. Students also learn the fundamental operation principles of telescopes through hands-on activities, engaging in target locating and sky exploration.



Integrated Curriculum, Nurturing Talent

Our school integrates astronomy education into the STEAM curriculum and Physics curriculum. For instance, S1 students create "moon lamps," while S3 students study various sensors' principles and applications, designing simulated space observation stations and disassembling and reassembling telescopes to understand their structures and operational principles. S4 and S5 students use smart telescopes to observe meteor showers and conduct long-term observations of stars, analyzing their movement patterns and comparing data to calculate distances between different celestial bodies and Earth, turning abstract astronomical distance methods into practical applications.

Experiencing Wonders, Learning with Joy

Astronomy learning extends beyond the classroom; individual learning experiences are essential. On the night of the Geminid meteor shower on December 14, 2025, our teachers and students went to Shek O. In the joyful atmosphere of a barbecue gathering, teachers and students witnessed this celestial feast through smart telescopes and cameras here with minimal light pollution. Each time a meteor streaked across the sky, everyone present exclaimed in awe!



Student Reflections

Chun Hiu Sing - S4 student

"On the night of stargazing, we saw the Orion Nebula and the Geminid meteor shower. These marvelous natural phenomena made me appreciate the beauty of nature and the brilliance of the universe, reinforcing my concern for environmental protection and sustainability; otherwise, we wouldn't be able to see such a beautiful night sky."

Tan Qihao - S4 student

"What impressed me most during the stargazing event was capturing the M42 Orion Nebula. It was truly breathtaking; the cloud-like halo was incredibly vivid! On the other side of the night sky, I saw countless stars twinkling through the clouds, making me feel like I was wandering in the vast universe!"

