

Beishi 3A Teaching Base Center Practicing the Vision of Smart City

The Taipei City 3R Teaching Base Center team was established in 106 with the support of the Taipei City Education Bureau, and in 107 it was transformed into the Taipei City 3A Teaching Base Center. The main goal is to establish a model teaching team that can use the 3A technology innovation teaching model and effective teaching strategies. Introduce industry, government, and academic resources to train seed teachers in Taipei, expand the establishment of educational network platforms and communities, establish innovative models and model learning, and enhance teachers' teaching effectiveness and student learning effectiveness.

The six development priorities of the 3A teaching base center team are: building an innovative technology experience field, promoting the popular science awareness of teachers and students of emerging technology, teacher training and development of virtual augmented reality immersive teaching, emerging technology curriculum modules and building special courses. The platform also authorizes teachers to use and manage student emerging technology camps and emerging technology competitions, and assist the Education Bureau to expand the implementation of activities and plans.

In the past two years, the 3A team has handled more than 120 training sessions for teachers and students, hand-made experimental courses, technology promotion, etc., and developed 30 sets of 3A emerging technology teaching plans. Through diversified research, teachers and students have a deeper understanding of emerging technologies, so that teachers can integrate technology. In teaching, the curriculum is no longer one-sided top-to-bottom, but students can also give feedback to teachers in real time, achieving better two-way communication and promoting teaching quality.

The number of KPIs (Key Performance Indicators) promoted so far: 27,512 students, 3,585 teachers, two hand-made courses, five digital courses, 165 teacher-student experience courses; cross-school community teachers jointly developed 16 sets of AR textbooks and 12 sets VR teaching materials, etc.

The Taipei City Yongchun Senior High School students set up the 3R Technology Research Society to communicate with eight technology-related societies of other schools and 292 students to develop new students to use VR guided tours and online 360 panoramas to learn about campus characteristics, and use AR to astronomy and astronomy. In the teaching of natural sciences.

The Taipei City 3A Teaching Base Center will further promote innovative experimental projects such as "AI teacher training and instructional design", "AI mobile unmanned store", "big data cloud computing" and other innovative experimental projects, and more in-depth immersive high school vocational cognitive experience, and achieve Taipei's wisdom The vision of a teaching city.