

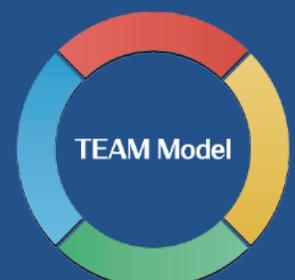


TEAM Model AI Lecture Observation Lounge (LOL)

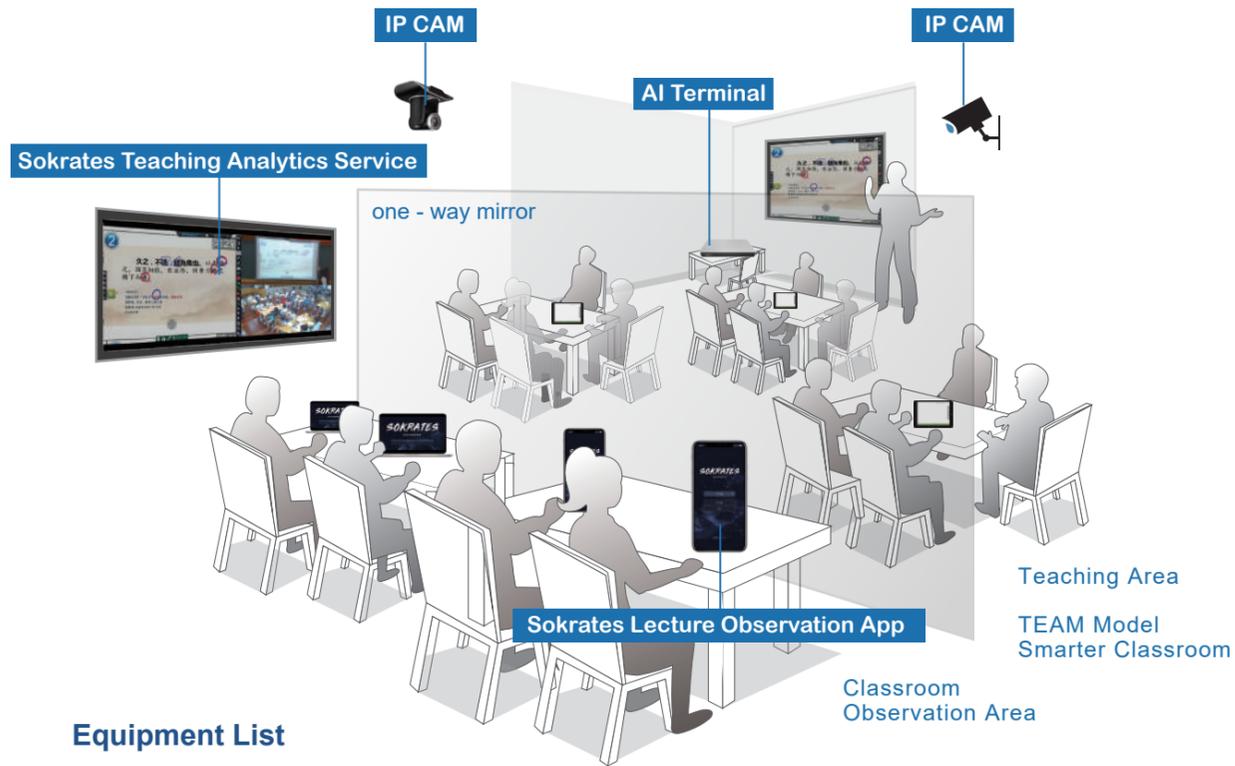
Smarter Classroom combines Big Data and AI Technology in Education

Making Pedagogical Reviews more Scientific and Efficient

TEAM Model AI Lecture Observation Lounge (LOL) is a research classroom that automates the collection & analysis of big data and AI technology in education. It is a teacher professional development training room that combines expert wisdom with machine intelligence and integrates **TEAM Model Smarter Classroom, AI Terminal, Sokrates Lecture Observation App, and Sokrates Teaching Analytics Service**. It synchronously collects expert wisdom (from Sokrates Lecture Observation app) and teaching behavioral data characteristics (from TEAM Model Smarter Classroom), and automatically generates Sokrates Video & exports Classroom Observation Report, assisting the pedagogical review team to be more scientific and efficient in giving lesson observation feedback and having pedagogical reviews.



Building Equipment



Equipment List

Must-have

1. TEAM Model Smarter Classroom
2. Sokrates Teaching Analytics Service
3. Sokrates Lecture Observation App
4. AI Terminal (With codec)

Optional

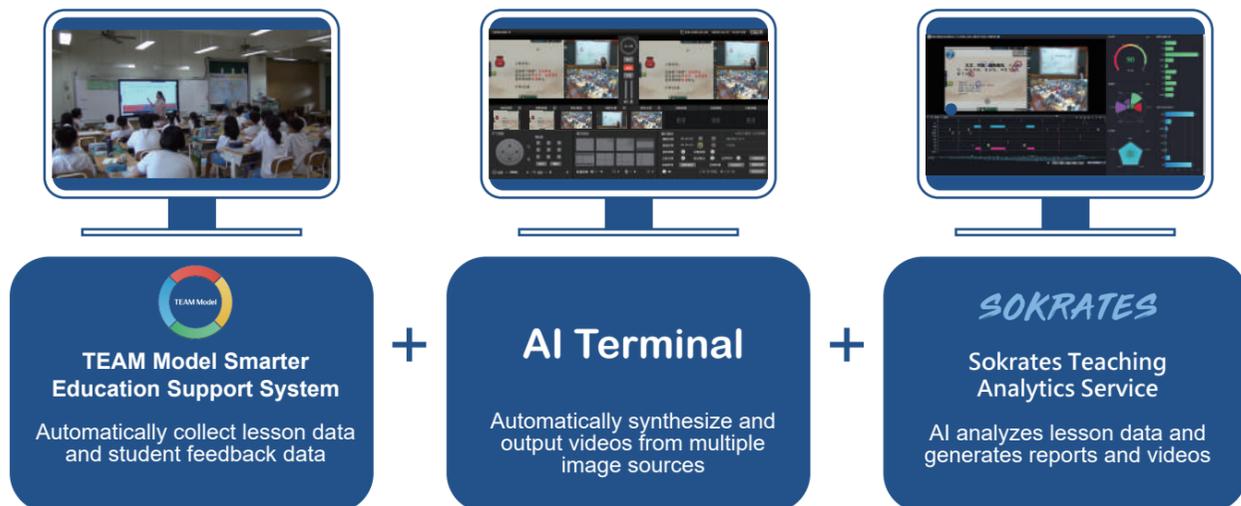
PTZ Keyboard Controller 

Self-provided

Tablet, Microphone, Broadcast Monitor

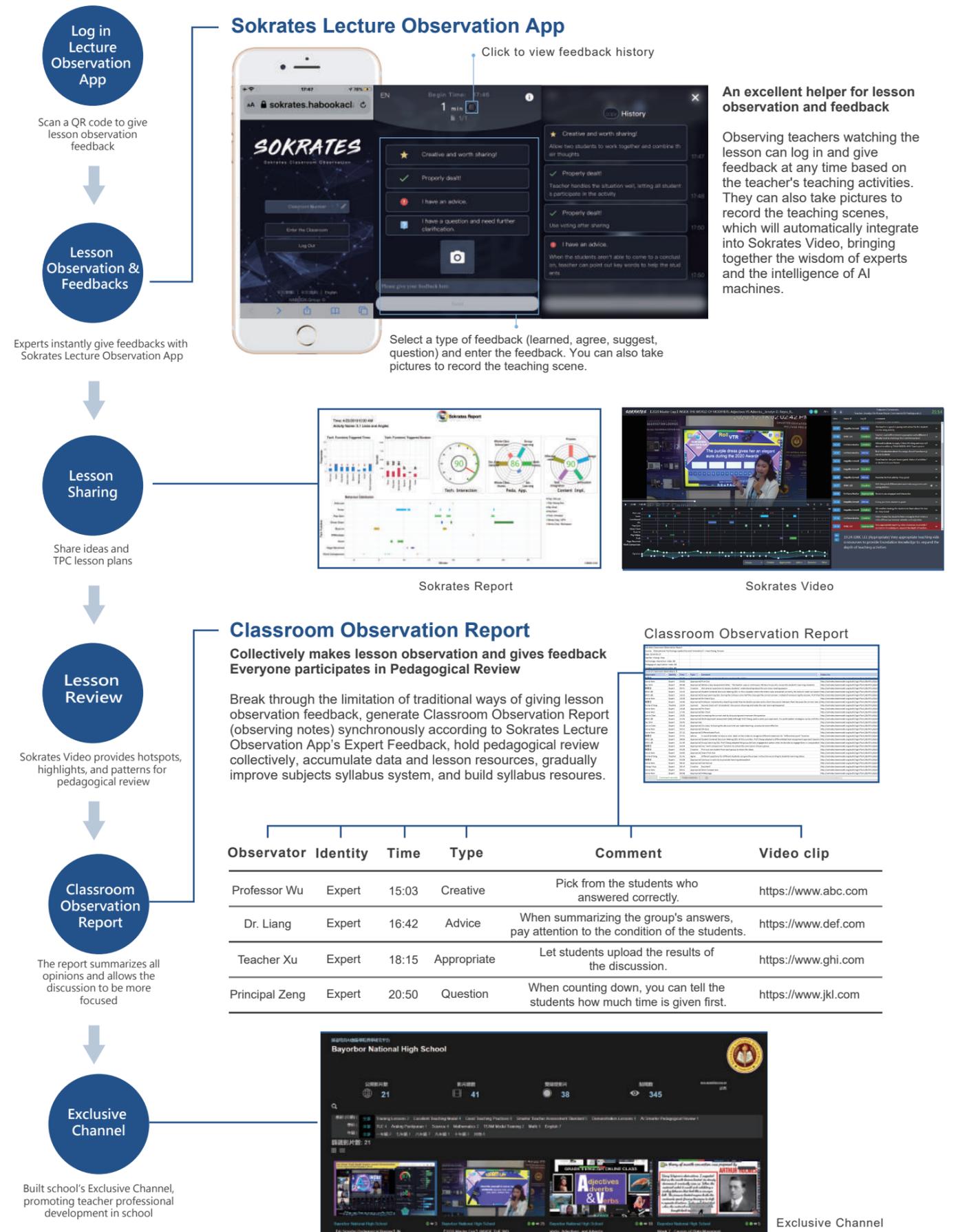
5. IP CAM x2 (Teacher & Student) 

Smooth system integration



Pedagogical review that combines expert wisdom and machine intelligence

Innovative AI smarter pedagogical review model



Sokrates Videos

AI data analysis makes wisdom visible

Sokrates Video is like teachers' AI Smart coach, it integrates "in-class teaching videos", "teaching behavioral data characteristics", "Expert Marks", "AI analysis" to assist teachers in self-reflection, inquiry, cooperation, and sharing.

Expert/AI Page

Sokrates Video has an expert page and an AI page. It combines expert wisdom and machine intelligence to develop more effective pedagogical review activities.

In-class Teaching Video

Automatically record in-class teaching videos, including teacher screens and student screens. Students can mark what they think is critical or difficult during the lesson, and these data will be recorded.

Teaching Behavioral Data Characteristics

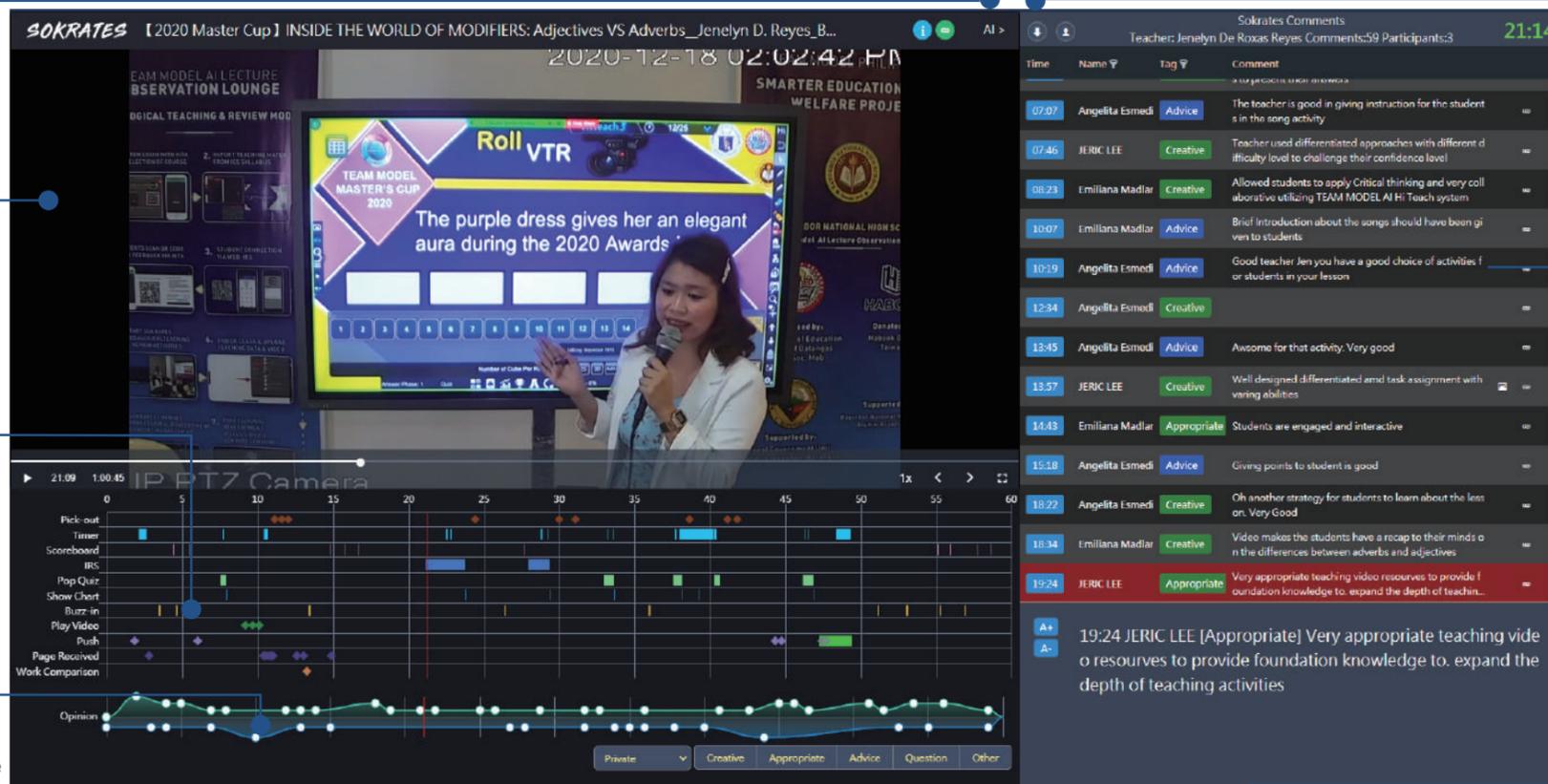
Machine Wisdom :

Record the characteristics of teaching behavior data of the lesson, such as technological interaction and pedagogical application. Click to watch any interaction at any time instantly and view the essence of the lesson in just 1 minute.

Expert Marks

Expert Wisdom:

The observing experts use the Lecture Observation App to give feedbacks. All the feedbacks will be displayed on the Opinion Curve. The peaks of the curve, hot spots, indicate a lot of feedbacks are given at that point. Evaluation of hot spots is the focus of expert attention.



Sokrates Video - Expert Page

Classroom Observation Report

Download Classroom Observation Report with one click. It compiles teacher and expert feedbacks, including time and content, making reviews more focused, effective and efficient.

Expert Feedback List

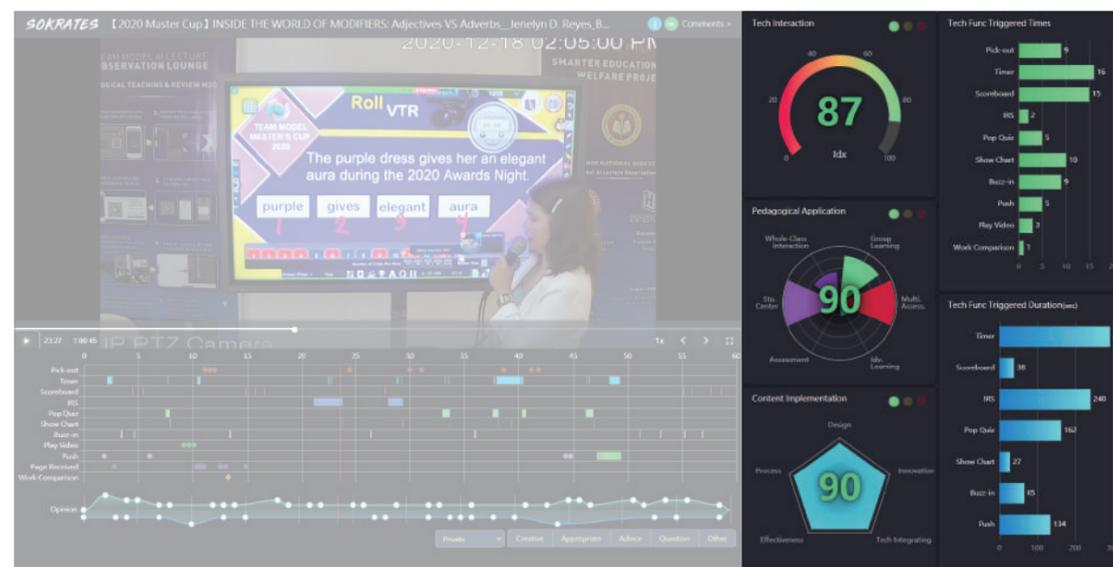
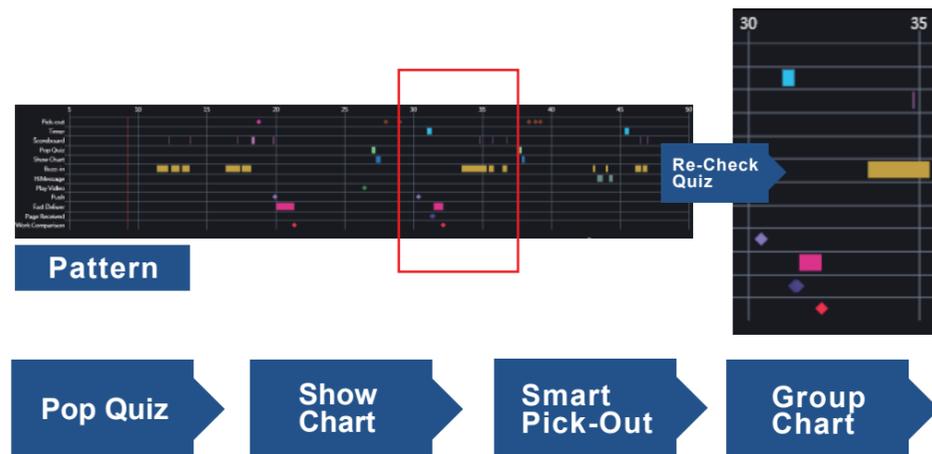
All the feedbacks from observing experts and teachers are automatically organized and presented on the expert page. Viewers can immediately filter the feedbacks from different experts, given at different times, and directly play the corresponding in-class teaching video of that moment side by side. This facilitates in-depth reviews and promotes teacher professional development.

Expert Feedback Content

With In-class Teaching Video, Teaching Behavioral Data Characteristics, Opinion Curve (hot spots), Expert Feedback List, and Expert Feedback Content, making pedagogical review data more visualized.

Clip Pattern Analysis

Apply data feature clip to perform pattern analysis of teaching behavior and refine replicable smarter model patterns. For example, interactive & data decision patterns that can show thoughts and create changing



Sokrates Video - AI Page

AI analysis (TPC Index)

Tech Interaction (T)

It is an effective index based on teachers' application of HiTech interactive functions in smarter classrooms. There are 5 categories: Channel, feedback, statistics, students, and evaluation.

Pedagogical Application (P)

Based on 6 indexes: Group Learning, Whole-Class Interaction, Student Center Decision, Whole-class Assessment, Individual Learning, and Multi-approach Assessment, it automatically analyzes the teachers' teaching behavior characteristics in the classroom. The more effective teaching behavior there is, the higher the index can be.

Content Implementation (C)

An index given by observing experts according to indicators of the practice of teaching material, including: Teaching Design, Teaching Process, Teaching Effectiveness, Technology Integration, and Innovation.

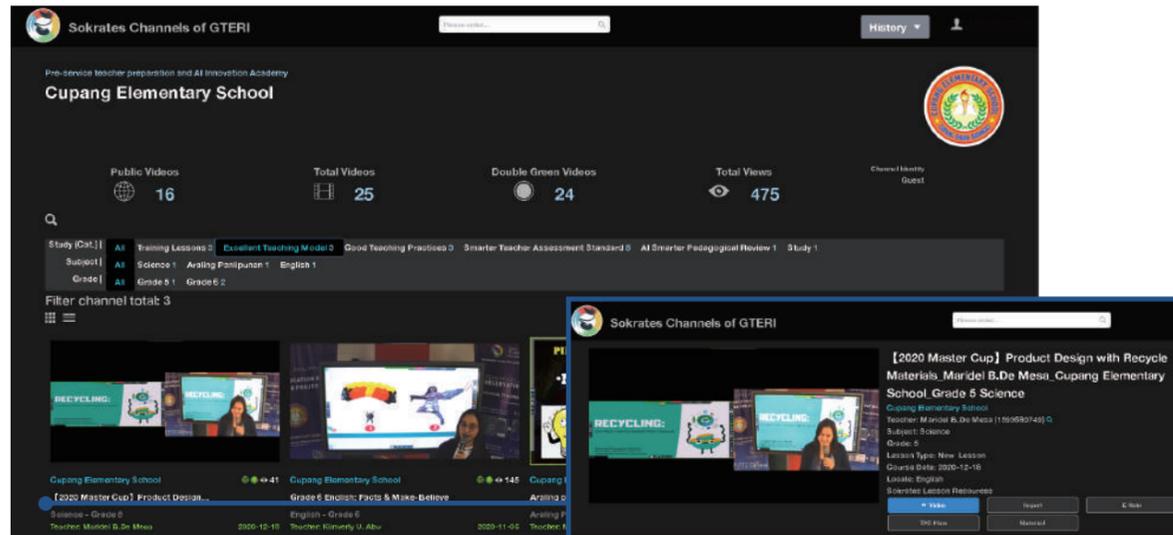
Exclusive Channel Collection of Lesson Resources

Exclusive Channel Collect Exchange

Sokrates Videos generated by the TEAM Model AI Lecture Observation Lounge can be collected in the school's exclusive lesson channel. Teachers can use them to exchange and learn from each other.

Local Real-time Lesson Observation Feedback

Use the TEAM Model AI Lecture Observation Lounge to make lesson observations and give feedback. Observers can give lesson observation feedback right after class without waiting, greatly increases the efficiency of lesson observation and feedback.



Case of Exclusive Channel - AI Smarter school-Cupang Elementary School

Fully collect Sokrates Lesson Examples, Sokrates Video, Sokrates Report, E-Note, TPC lesson plan, teaching material.

Upload to Channel Exchange Globally

The lesson examples of each school's exclusive channel can be shared to the "Global TEAM Model Education Research Institute Sokrates Channel (Sokrates Channel for short)", letting the world enjoy the classic lessons of each school, gathering the wisdom of teachers everywhere, accumulating the contents of the collected lesson examples & AI Data analysis, creating an exchange platform for educational professionals with community influence, accelerating the development of global smarter education, and refining the power to change education together.



Share 10,000 classic lesson examples worldwide



Global Case



National Chengchi University (NCCU) TEAM Model Smarter Education Research Center

The Graduate Institute of Administration and Policy of NCCU is a cradle for cultivating education professionals. To keep pace with technology and ideas and promote deep integration between education technology and teaching in class, the TEAM Model Smarter Education Research Center was established. The center received VIPs from Hanoi University of Economics in Vietnam in 2019 and is used every day to help students establish a clear context for teacher professional development.



Affiliated Experimental Elementary School of University of Taipei

A community formed of school teachers in the Affiliated Experimental Elementary School of University of Taipei uses the TEAM Model AI Lecture Observation Lounge for teacher professional development. Each teacher prepares lessons for selected units and gives public lessons. Teachers share & observe lessons, give feedback, and promote teacher professional development.



Singapore Fuhua Primary School

In July 2019, Singapore's first TEAM Model AI Lecture Observation Lounge was unveiled. Using the most advanced AI and educational big data, it helped the school reverse teaching and accelerate teacher professional growth. The school also participated in the Global TEAM Model Smarter Lecture Contest and achieved great results in the same year. Become a premier AI Smarter school in its local area.

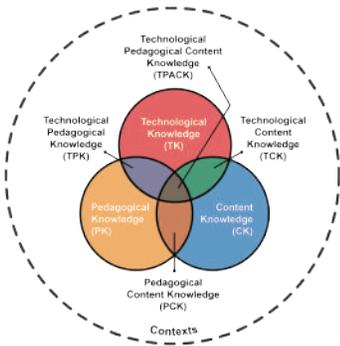


Chengdu ELDU Wisteria Primary School

The world's first TEAM Model AI Lecture Observation Lounge, Wisteria Cloud, was established in Chengdu ELDU Wisteria Primary School. It assists the school to systematically carry out teacher professional development activities such as Team-based learning (TBL) model, Heterogeneous Pedagogy Lecture, and Homogeneous Pedagogy Lecture. By 2019, more than 10,000 lesson data have been collected, greatly shortened the growth cycle of young teachers, and help the school become an excellent model of primary school in Sichuan.

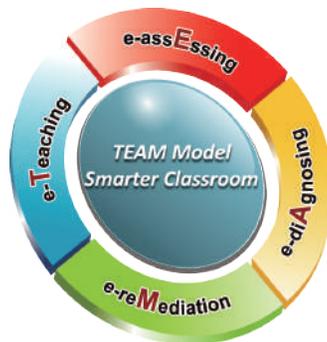
Competence-oriented • Smarter Teaching

Teaching by Aptitude • Data Decision • Team-based Learning • Multivariate Evaluation



TPACK

X

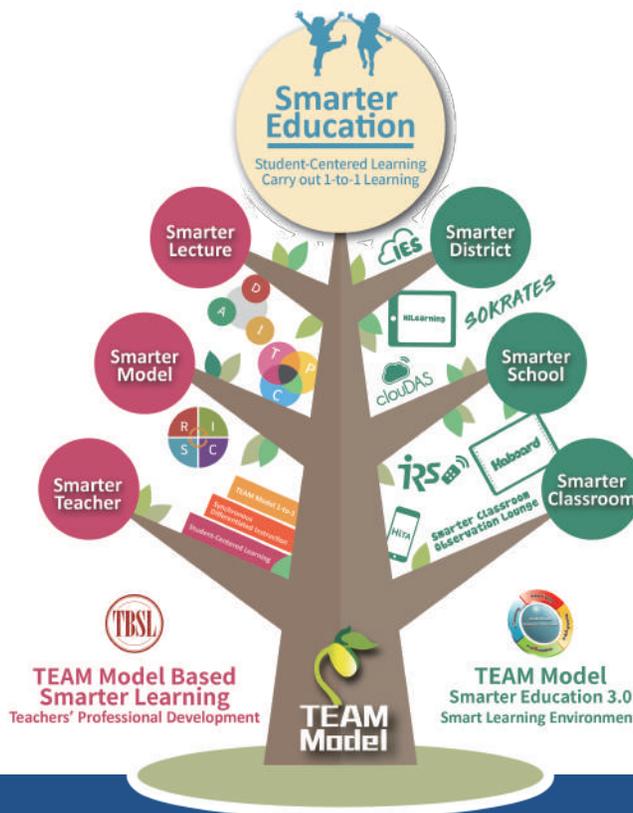


TEAM Model

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Sokrates



Get this DM file

Empower Teaching . Inspire Learning

HABOOK Group was established in Taiwan in 1999 and has dedicated to Education technology research for more than 20 years. Our objectives are applying technology into education, promoting effective technology innovative teaching model strategies, and creating unlimited possibilities for education. These 3 educational technology vision is the long-term mission of HABOOK.

With advanced technology such as smarter classroom system, IoT, Artificial Intelligence, educational big data, and professional education ideas & consultant guidance, HABOOK is continuously building TEAM Model AI Smarter School around the world. There are over 3,000 schools and 2,000,000 students using TEAM Model every day.

20 years
Experience



TECH
R&D

EDU
Theory

