S. Kawagoe LAB.  
[STEAM Education System]

Department of Mechanical and Biofunctional Systems/Office for the Next Generation

Engineering Literacy

Graduate School of Interdisciplinary Information Studies
Science Interpreter Training Program

http://www.kawagoe-lab.iis.u-tokyo.ac.jp/en/

STEAM Education System based on the Research in IIS

Research for STEAM education system based on the cutting-edge research in IIS

We are developing STEAM education system based on the cutting-edge research in IIS to improve next-generation science and technology literacy with the keywords of engineering × education × communication.

STEAM : Science, Technology, Engineering, Arts, and Mathematics

Systematizing STEAM Education

Evaluation of Programs

STEAM Education Design

Development of Education Interface

Design of Workshops

Evaluation and Analysis

Visiting lectures

Workshops

Teaching Materials

Development of teaching materials and worksheet

Experimental teaching materials

Development of Digital teaching materials (VR, YouTube, DVD)

VR Contents (Yasukawa et al. 2021 in prep.)

Visual teaching materials ONG

Science and Technology Communication Activities

Science cafe

Seminar

Workshop for girls

Stargazing event