KA W A G O E L A B .  
[STEAM Educational 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

STEAM Educational System based on the Research in IIS 
Research for STEAM educational system based on the cutting-edge research in IIS 

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

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

Systematizing STEAM Educational Activities Academically

Evaluation of Programs

STEAM Educational Design

- Development of Educational Interface
- Design of Workshops
- Evaluation and Analysis

Teaching Materials

- Development of teaching materials based on STEAM educational activities
- Experimental teaching materials
- Worksheets
- Digital teaching materials (YouTube, DVD)

Science and Technology Communication Activities

- Science cafe
- Seminar
- Workshop for girls
- Stargazing event