

# KAWAGOE LAB.

## [STEAM Education based on IIS Research]

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

Engineering Literacy

Interfaculty Initiative in Information Studies

Science Interpreter Training Program

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

### STEAM Education based on the research in IIS

Research for educational activities based on the cutting-edge research in IIS

Aim: Research and development of STEAM (Science, Technology, Engineering, Arts, and Mathematics) education and outreach programs based on the cutting-edge research in IIS by cooperating with industries in order to improve science and technology literacy among younger generation

Systematizing these educational activities academically

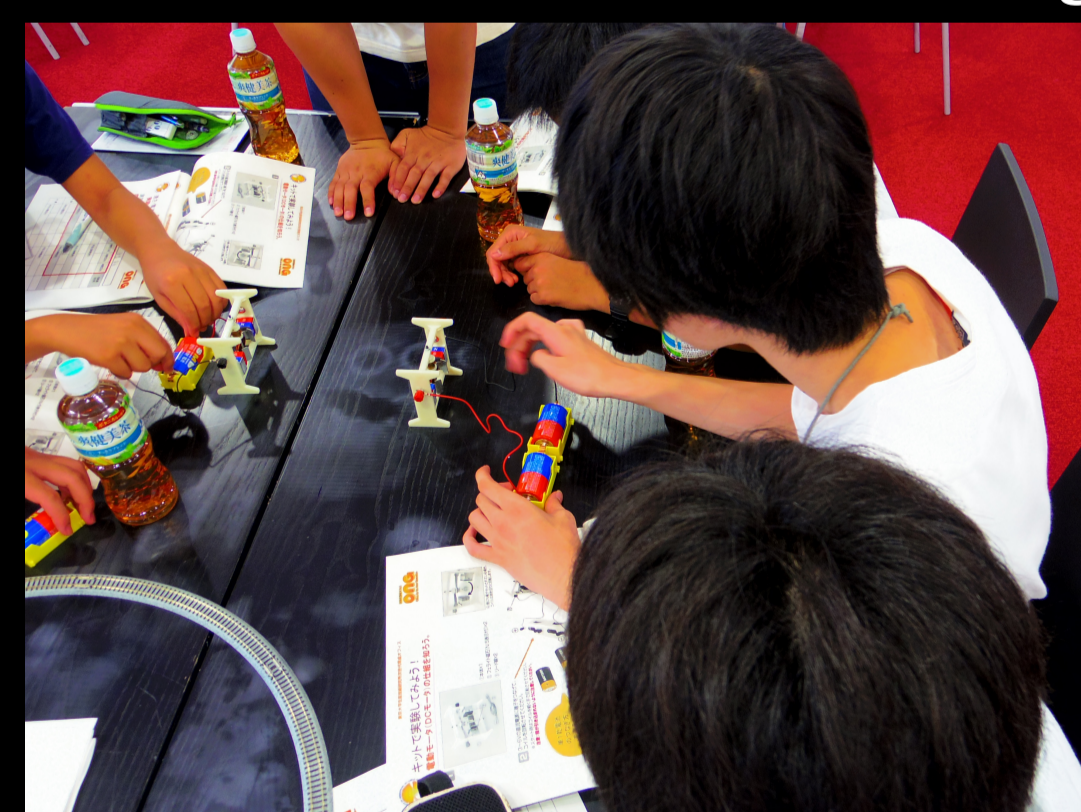
Evaluation of programs

Educational Activities

Planning and running the educational activities based on the cutting-edge research in IIS by cooperating with industries



Visiting lectures



Workshops

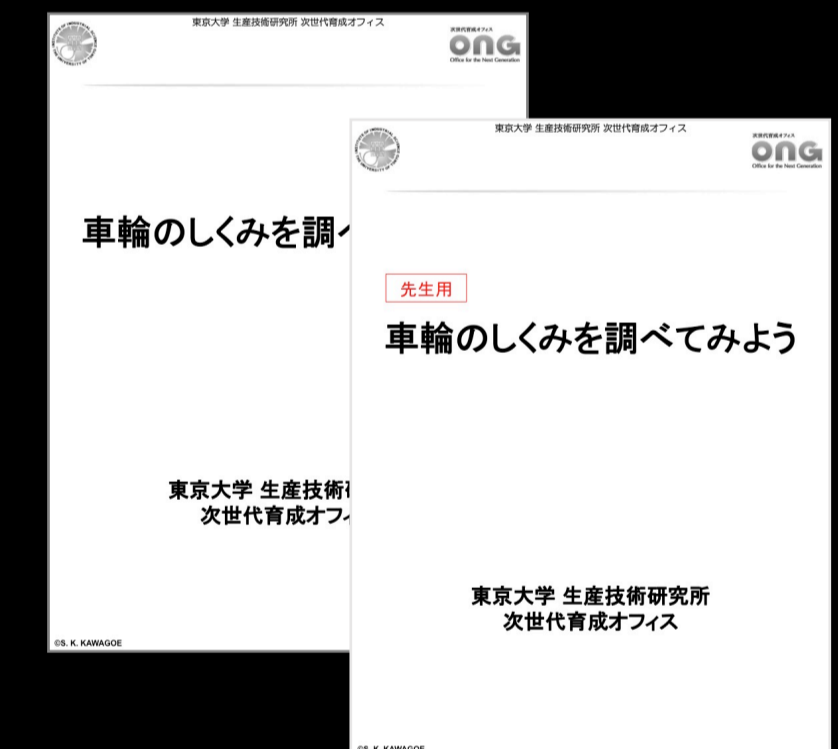


Development of Teaching Materials

Development of teaching materials based on new educational activities



Experimental teaching-materials



Worksheets



Digital teaching materials (DVD, YouTube)

Science and Technology Communication Activities



Science cafe



Seminar



Workshop for girls



Stargazing event