# KAWAGOE LAB.

## Research and Development for STEAM Education



Department of Mechanical and Biofunctional Systems

Engineering Literacy Department of Interdisciplinary Information Studies, Science Interpreter Training Program

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

## STEAM Education System based on the Research in IIS

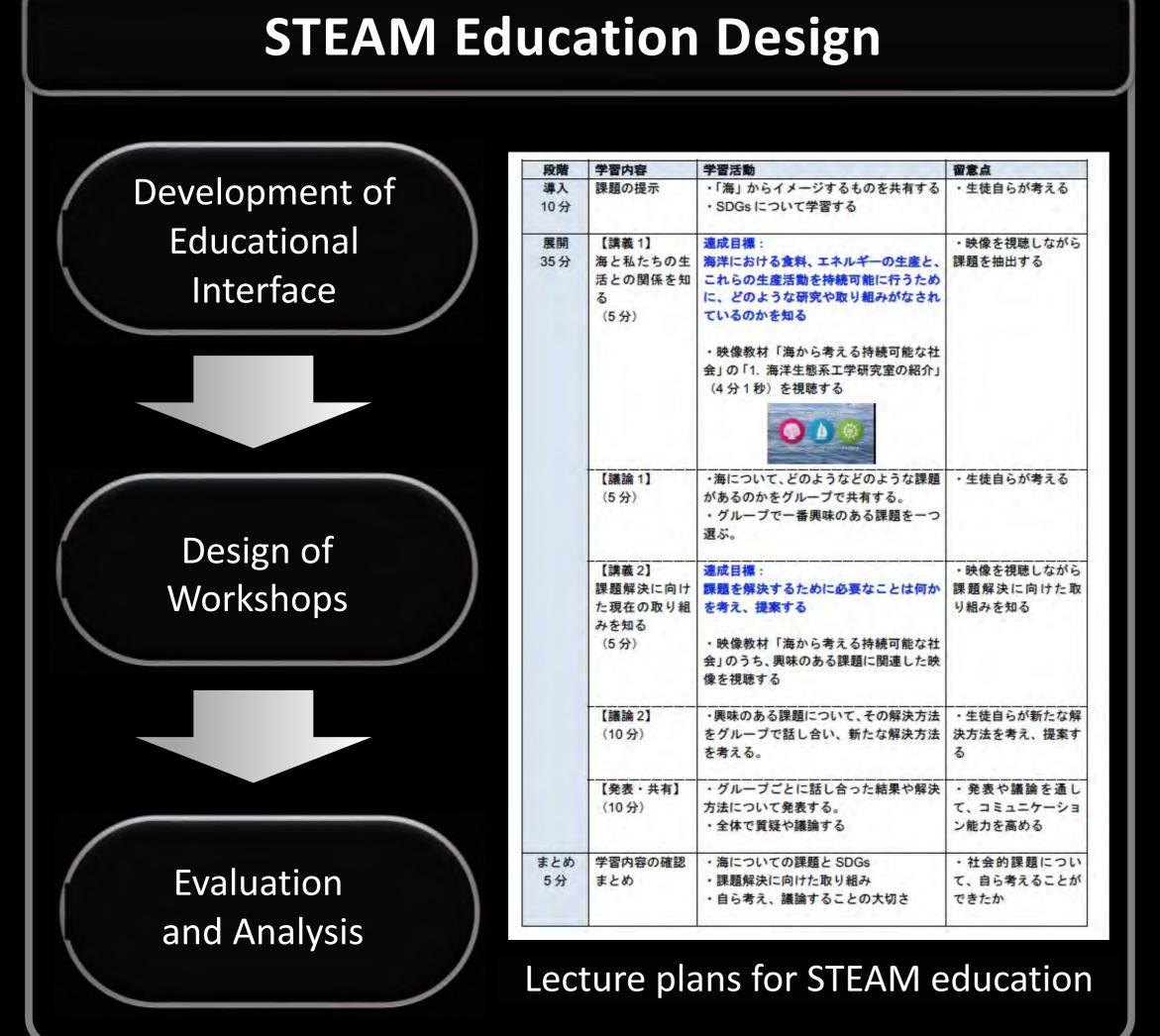
We are developing STEAM education system based on cutting-edge research in IIS to foster next-generation science and technology literacy, using the keywords of engineering  $\times$  education  $\times$  communication.

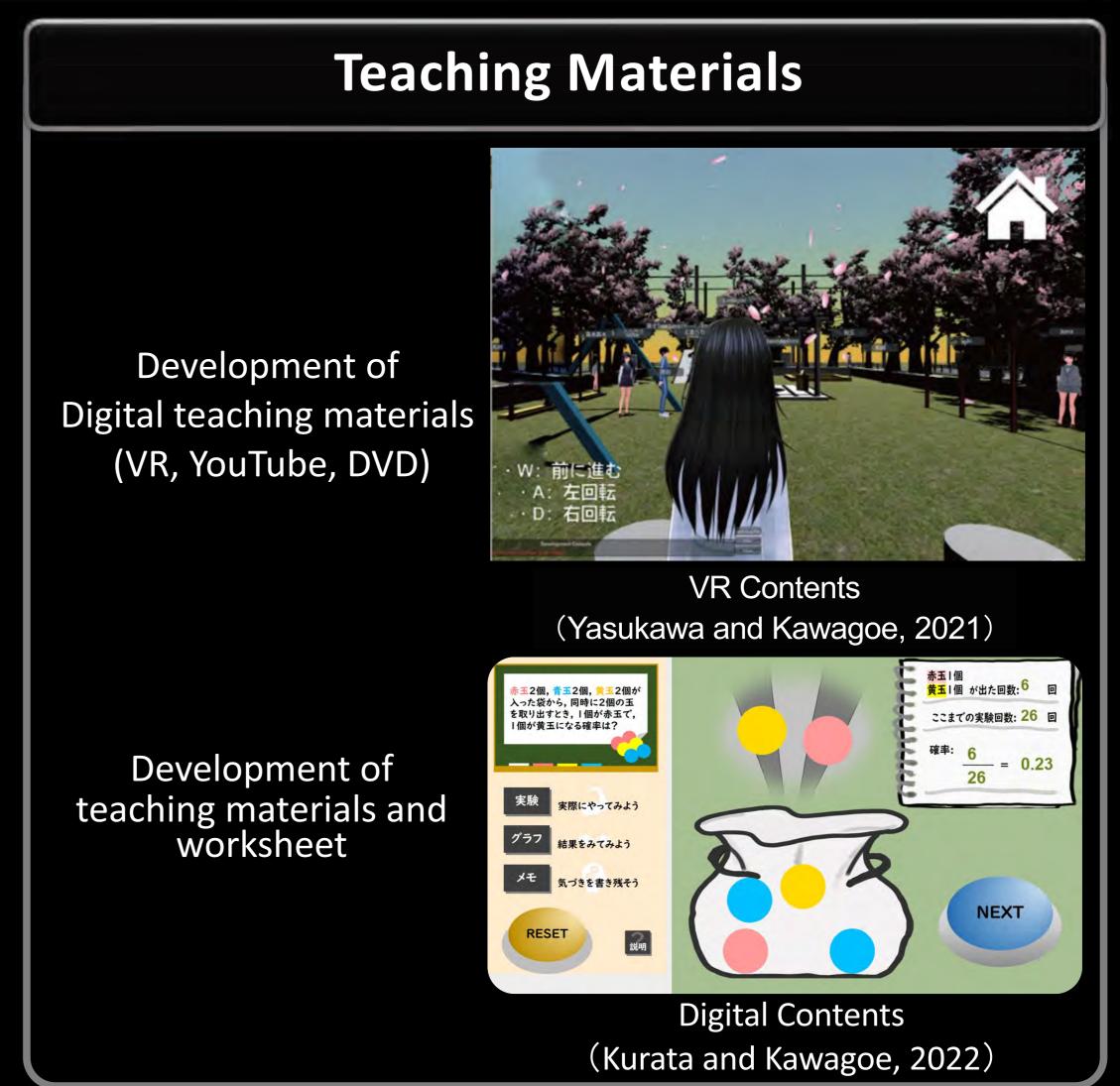
\* STEAM: Science, Technology, Engineering, Arts, and Mathematics

Practical Research and Systematization of STEAM Education and Science and Technology Communication



#### Assessment, Educational Data Analysis, and Evaluation Methods





#### Practice of STEAM Education and Science and Technology Communication







