



# Office for the Next Generation

[Support for STEAM Education, Science and Mathematics Education]

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

Office for the Next Generation, Institute of Industrial Science

Next-generation human resource development



Common Facilities

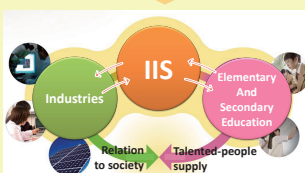
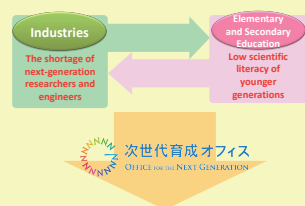
<http://ong.iis.u-tokyo.ac.jp>

## What's "Office for the Next Generation" ?

The Office for the Next Generation (ONG) has been set up at the IIS in order to introduce the latest technology in university into elementary and secondary education by cooperating with industries.

The purpose of ONG is to make new models of the education and outreach, which raises next-generation researchers and engineers, by cooperating with the industries.

### Roles of the ONG



### Workshop by Cooperating with Industries

We organized some workshops by cooperating with the industries.

Airplane workshop : Cooperate with Japan Airlines (JAL), since 2016.

"Let's fly the airplane to the route of everyone made it! 2020"

★ Junior high school student : 2021.3.14 Sun

★ high school student : 2021.3.21 Sun



### Symposium 「Creativity Education for Next Generation to Make Innovation」



### Development of New Teaching Materials based on ONG lecture

- ◆ Experiment teaching materials  
• We are developing teaching materials.



- ◆ Image teaching materials  
• We uploaded various lecture movies to the Web.  
• DVD of ONG lecture movie.



### ONG STEAM STREAM

Image teaching materials for STEAM education



### UTokyoGSC

- ◆ The University of Tokyo Global Science Campus (UTokyoGSC)

Creating Innovation: Education Program for the Next Generation of Global Scientists and Engineers.(starting from 2019)



### Teaching Materials for Lending

Teachers in elementary school, junior high school, or high school can borrow these teaching materials, and can use them in class.

