



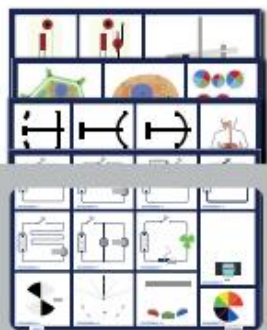
# IOTfyEdu

'The Physical Reality in Education'

iotfyedu.com

## What is IOTfyEdu?

IOTfyEdu is a patented physical reality high-tech that gives students and teachers the chance to experiment and practice as much as they want, as if they were working in a science laboratory, both in face-to-face education and online education.



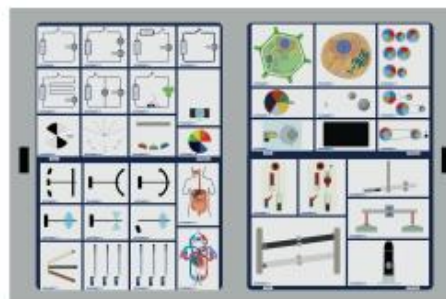
## IOTfyEdu EcoSystem

IOTfyEdu aims to increase the comfort of teachers and students in educational processes by combining physical and digital technologies. For this purpose, it offers a wide range of support to teachers and students, from innovations that autonomously perform the experiments that need to be done in science education with real materials, to LMS, STEM scenarios and video-animation and AR content that support learning outcomes.

## IOT-Based Science Lab

IOT Based Science Lab includes approximately 40 experiments that can be carried out with real materials and operate with user-specified values and parameters in the units of physical phenomena, living things and life, matter and its nature, the world and the universe from middle school science subjects.

- Even in distance education, a student and a teacher perform mutual science experiments with real materials,
- IOT Based Science Lab ends science teachers' laboratory phobia,
- Science experiments using real materials every class hour in face-to-face education,
- The costs of performing the science experiment are minimized,
- School administrators can track and report the number of science experiments conducted in lessons,



## Sense Miner

IOTfyEdu, which brings the concept of "compensation of sensory loss", which is only used in the field of medicine, to distance education with Sense Miner, is revolutionizing K-12 level science, math and data science education.

Thanks to the use of electronic sensors in combination with IOT technologies, remote teacher and student(s) can instantly share environmental information with each other, providing a radical solution to the transactional distance problem of distance education.

- Real-time data generation,
- Data preparation,
- Data analysis,
- Data visualization,
- Compensation of sensory loss,

## Learning Management System

IOTfyEdu shares all its innovations and services that increase the learning comfort of teachers and students through a specially developed Learning Management System.

- Full management and reporting of physical reality technologies,
- Video-conferencing system,
- Easy access to all digital content and STEM scenarios,

Classrooms Turn into Science Labs. Students will now be able to conduct experiments using real materials every class period, not just a few weeks of the year.