

Technology Showcase

Data Science Games

Decision trees and machine learning

Random Sampling

Explore probability with CODAP

Introduction to Dynamicland

A medium for universal computational literacy

Modeling Complex Systems

Model building, testing, and revising with SageModeler

Turtle Sim

Modeling natural selection in Dynamicland

Paper Mechatronics

Creative engineering with papercrafts

Open Data, Open Minds

Civic engagement with notebooks of the future

Data and Dataflow

Internet-of-Things devices for science

Exploring Heat and Temperature

Sensing and seeing science through modeling matter

3D Molecules in Virtual Reality

Exploring ionic and covalent bonding

Gapminder in the World

Data visualization over coffee

DESIGNING 2030

May 16, 2018 • 5-7 PM • The Concord Consortium
Held at Dynamicland • 469 9th St • Oakland, CA

Come play with different novel interactive technologies designed to support learning and teaching in science, technology, engineering, math. Talk with designers and developers from Dynamicland, the Concord Consortium, Manylabs, NEXMAP, and other innovators. Experience 3D VR molecules, play a data science game, explore a mixed-reality heat simulation, tinker with paper mechatronics, experiment with IoT sensor kits, build a complex systems model, and more.

designing2030.concord.org