Globisens

Award-Winning Mobile STEM Labs

Apple Distinguished Educator

WORLDWIDE SUCCESS

MORE THAN **1 MILLION** STUDENTS USING OUR SOLUTIONS

MORE THAN **150,000** STEM LABS INSTALLED

FULL STEAM AHEAD

One device does it all

UNIQUE STEAM SOLUTION

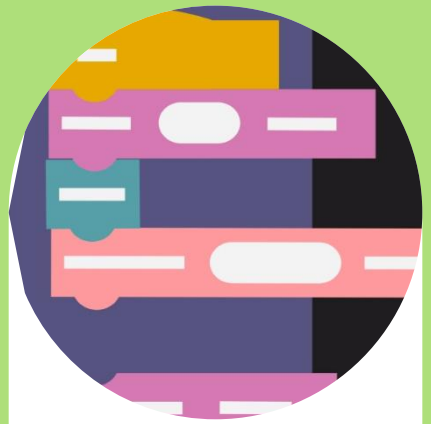
Xploris - a compact, hand-held disc that does it all!

Engineering

By producing various control outputs

Science & Math

Experimentation with Xploris 5 built in sensors



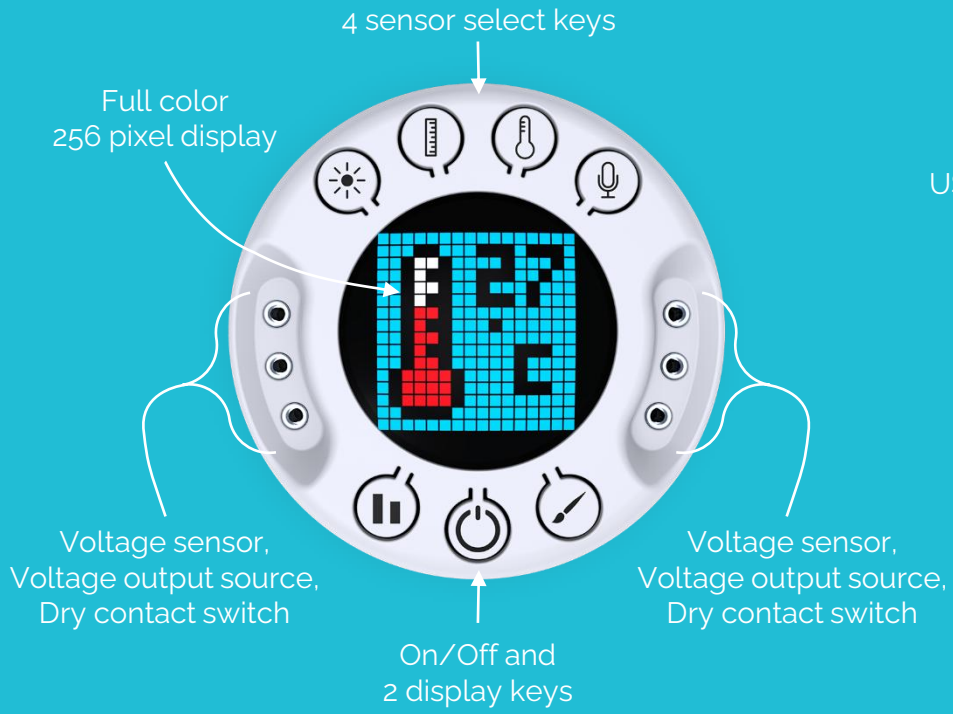
Coding

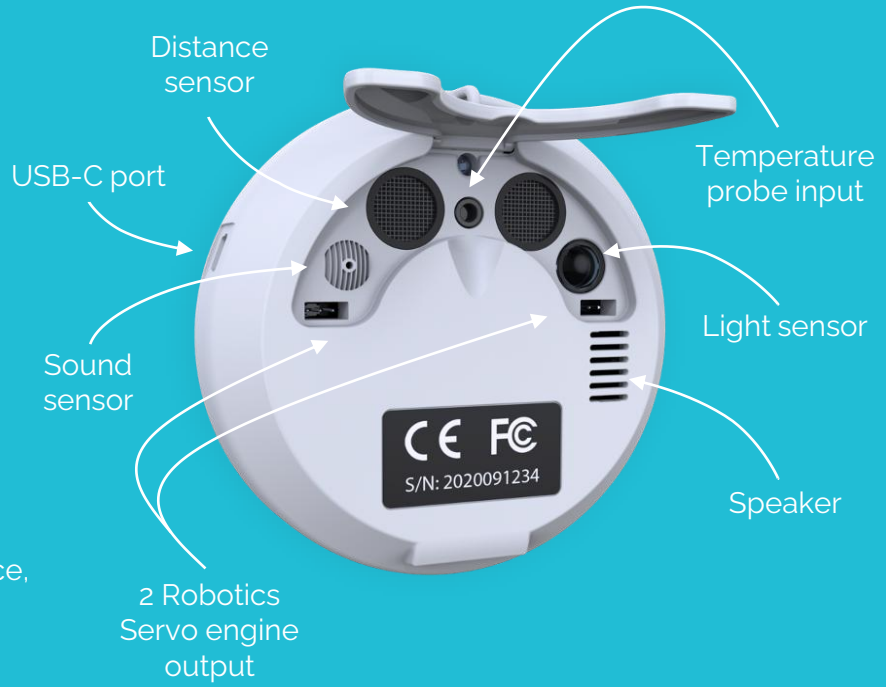
Through Blockly and Python languages

Art

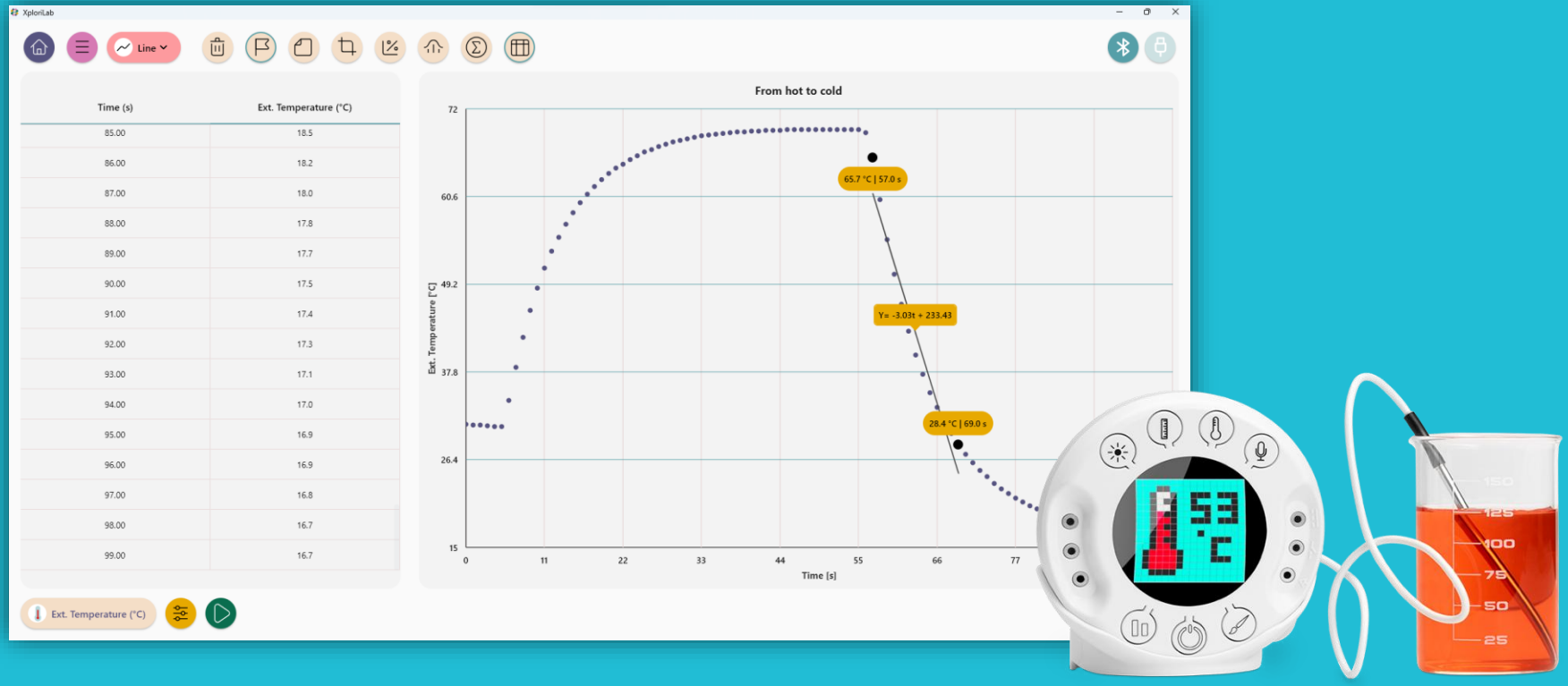
By creating pixel-art images/animations

XPLORIS – PORTS AND CONTROLS

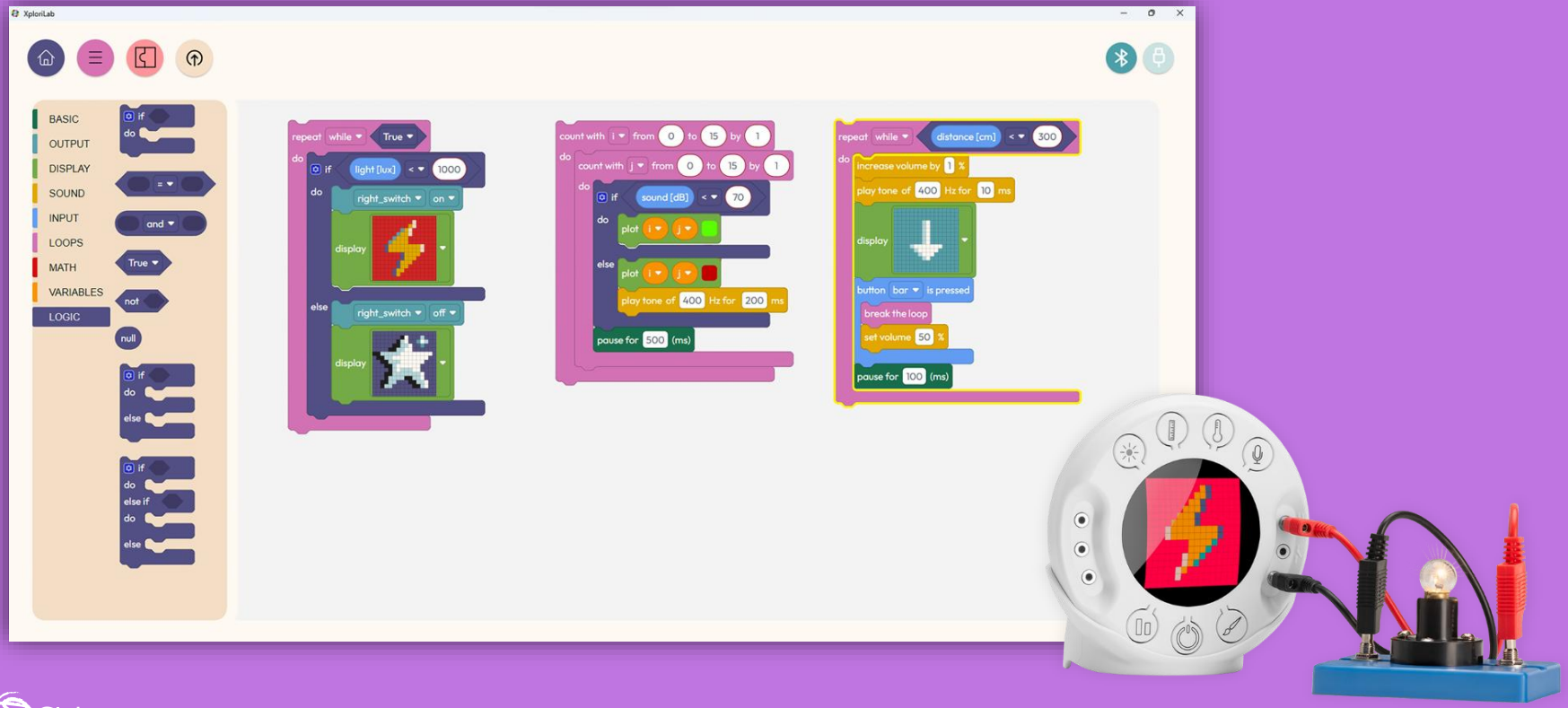




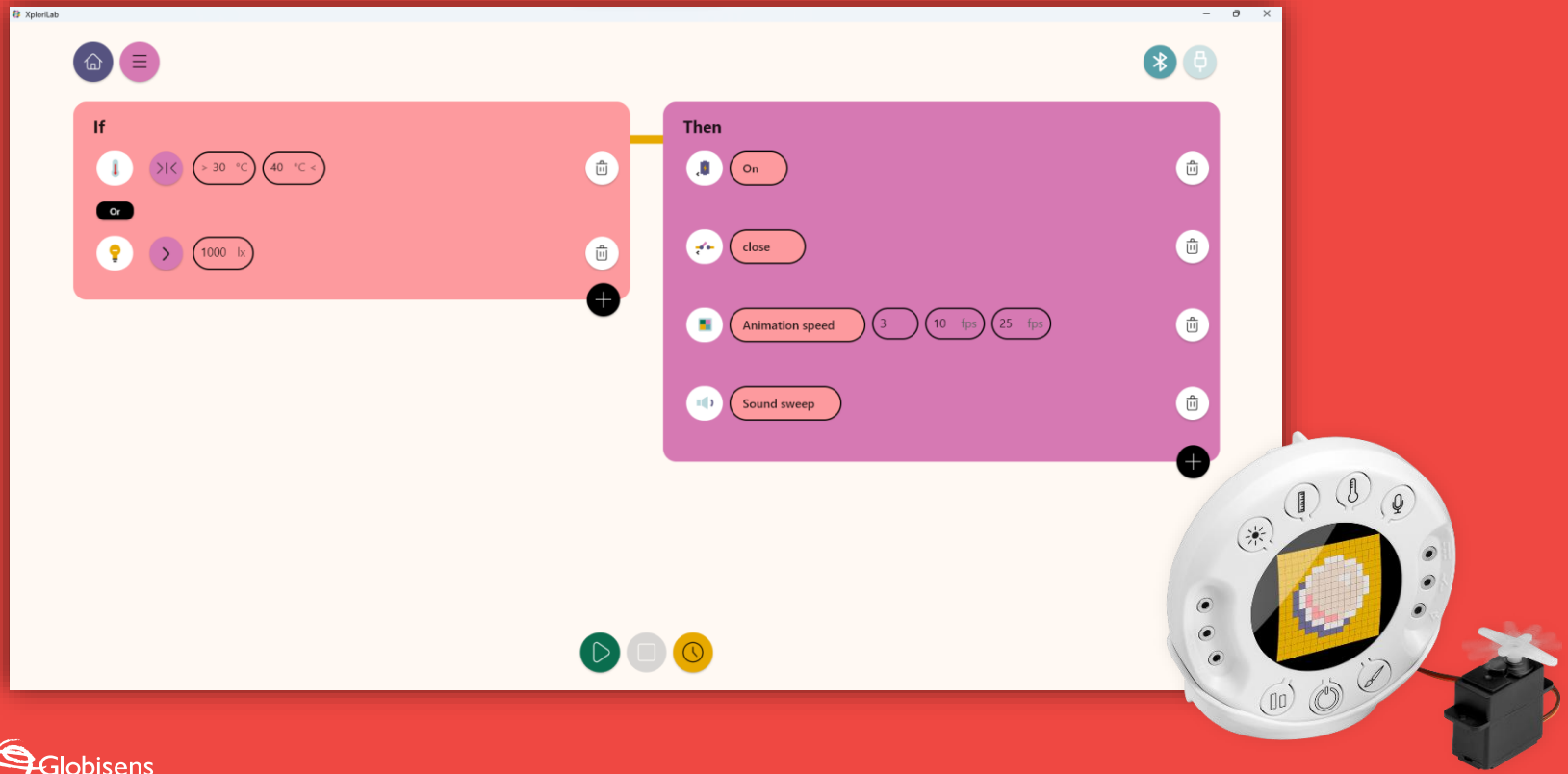
FOR SCIENCE & MATH



FOR CODING


XploriLab
BASIC
OUTPUT
DISPLAY
SOUND
INPUT
LOOPS
MATH
VARIABLES
LOGIC
repeat while True
if light [lux] < 1000
right_switch on
display
right_switch off
count with i from 0 to 15 by 1
count with j from 0 to 15 by 1
if sound [dB] < 70
plot
play tone of 400 Hz for 200 ms
pause for 500 (ms)
repeat while distance [cm] < 300
increase volume by 1 %
play tone of 400 Hz for 10 ms
button bar is pressed
break the loop
set volume 50 %
pause for 100 (ms)

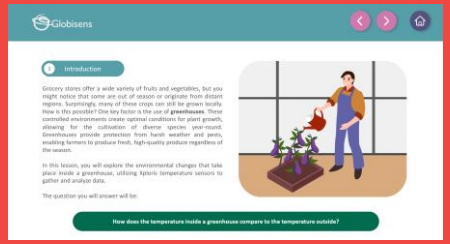
FOR CONTROL & ENGINEERING



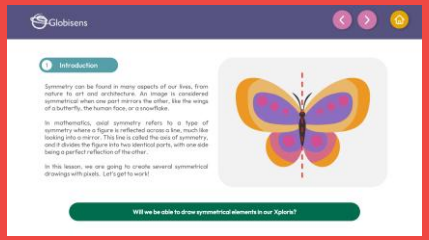
FOR ART

XPLORIS LESSON PLANS

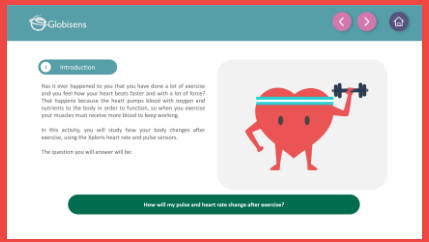
Activities in Coding, Science, Animation, Music and Control



The Greenhouse Effect
Science & Engineering



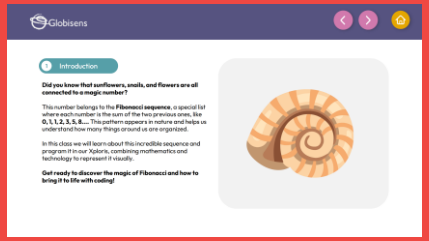
Symmetry Art
Art & Math



Heart Rate
Science, Health & Math

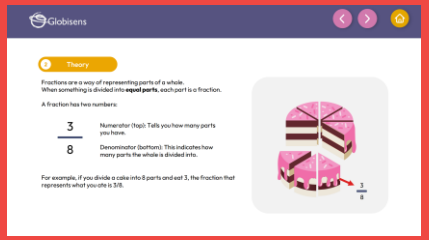
Molecules In Motion
Science, Math, Art & Coding

My Thermometer
Math & Coding



Fibonacci Sequence
Science, Math & Coding

Build Your Own Battery
Math & Science



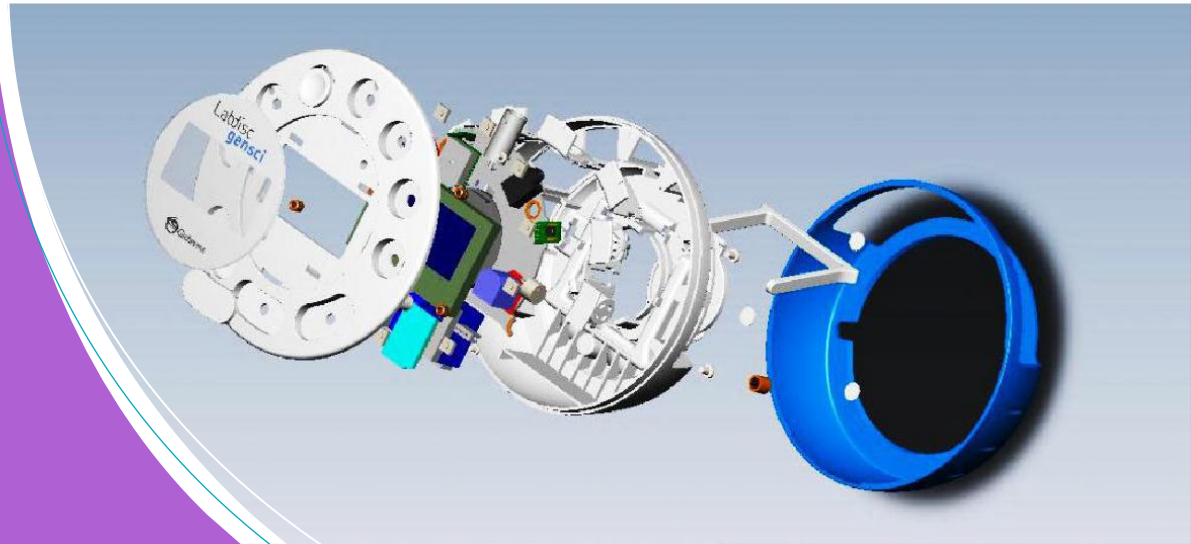
Fractions
Math & Coding

STARTING STEAM AT A YOUNG AGE

Globisens

ABOUT US

- 10 employees
- Hi-tech production facility in Israel
- Labdisc first launched Oct 2011
- Nearly 150,000 units shipped
- Returns < 0.2%



Globisens

THANK YOU!