

ES EDUCATION



Preparing Our Children for the Era of AI



ES EDUCATION

ES Education by ESVISION Technology, leveraging its world-leading AI technologies and experiences across multiple industries, ES Esvision is committed to developing AI education programs for K1-K12, vocational and professionals to nurture new talents for the future.

Easy to use and affordable hardware.
Customized Solutions for Schools.
Modular and industrial electronics
Learning platform for AI, Python, C/C++, IOT

A One-stop Solution for Education
Hardware
Software
Storage Solutions
Curriculum System
Training
Competitions



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ES Education Overview

LEARNING CONTINUUM

At ES Education, we understand that every educational level requires different skill sets that need to be nurtured, continually contributing to take a student to the next level of their growth path. Our solutions are interconnected, creating a continuum path of learning which takes them from their very first steps into the world of all the way to becoming master creators of their own ideas.

Our solutions are not limited to the role of the learner, but also include the necessary support for the educator to guide the learning process. Activities and lesson plans accompany our soft and hardware, which are also complemented by training and workshops, delivered by our expert educational partners around the world.

PRIMARY
EARLY CHILDHOOD

SOFTWARE

ES Block

Tangible

Scratch/
Python

ES Discover

ES Codey



DIY PARTS

Mechanical
parts

ES Neuron
platform

ES Discover

Early Literacy,
Mathematics, Logic,
Music & Art

Screen-free coding

ES Codey

Coding, Logic, AI,
IoT, Data Science,
Music & Art

Scratch, Python



SECONDARY

ALL LEVELS

Scratch/microPython, Python 3/
Arduino C, AI, IoT, Data Science

Laserbox
software

ESCreate
plugin

Scratch/
Python

Scratch/
Arduino C

Smart
laser cutter

Smart
3D printer &
laser engraver

ES Cyber

ES Bot series



Structural parts
Motors/servos
Movement parts

Laserbox Pro

ES Create 2.0

ES Build
platform

RJ25 Arduino
platform



Overview

ES Cyber

Coding, AI, IoT,
Data Science,
Engineering

Scratch, Python

ES Bot series

Coding, AI,
Engineering,
Robotics

Scratch, Arduino C

Laserbox Pro

Art,
Crafting,
Engineering

Laserbox software

ES Create 2.0

Art,
Crafting,
Engineering
ESCreate plugin for
Cura

Early education

Pedagogy

EARLY EDUCATION

Early education builds the foundation for lifelong learning and wellbeing, and prepares for primary education. It focuses on the social, emotional, cognitive and physical development needs of young students.



The ES Education early learning solution utilises the basic application of coding through play, to develop curiosity, imagination, computational thinking, problem solving and cognitive abilities, as well as promoting social and emotional development. Lessons allow for the exploration of the topic in a collaborative and communicative environment.

Early education ES Discover



Key features

Learning through play
Interactive
Tangible

Teaching resources

User manual
Professional development
Getting started activities

EARLY CHILDHOOD EDUCATION ROBOT



ES Discover is an early education robot with a tap pen controller which brings computer programming into children's lives. Coding cards and various interactive-themed maps guide the child through exploration, spatial perception and creativity using highly interactive, stimulating and fun group games.

Social emotional development is one of the key development points for the early years. Positive experiences in children's interactions play a big role in healthy social and emotional development.

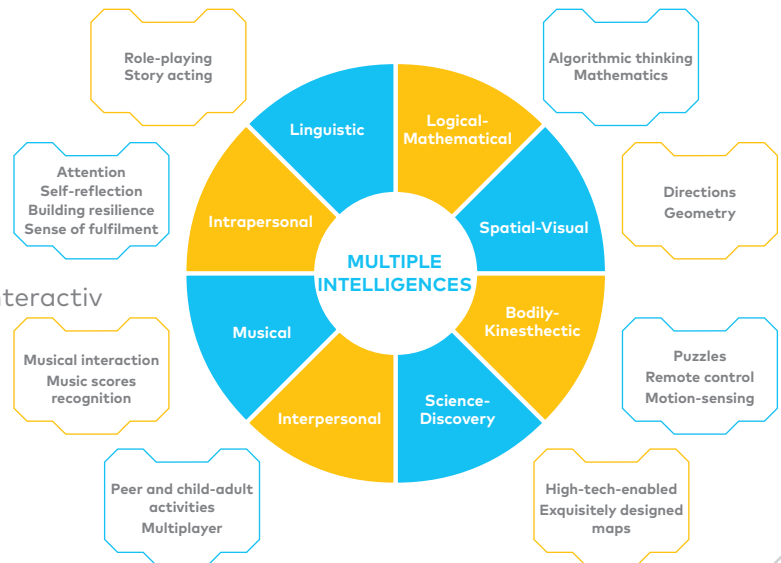


MULTIPLE INTELLIGENCES

by Prof. Dr. Howard Gardner,
Harvard University

ES Discover was designed with the Theory of Multiple Intelligences in mind.

Logical thinking and problem-solving skills can be developed through interactive games that truly engage young children at the level and pace they are capable of.



Screen-free programming

Screen-free programming introduces the youngest of students to the world of programming through device-free coding cards and themed maps. Students immerse themselves into programming, creating algorithms in a step-by-step process while developing their problem-solving and computational thinking skills to solve the task and reach their goal.

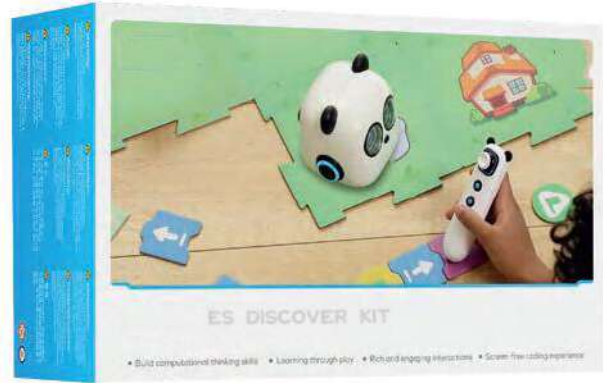
Social emotional skills

ES Discover is an extremely interactive educational tool for the development of social and emotional skills, which uses its diverse personality to engage with the student through sound, motion, light and very expressive eyes.

Early education ES Discover

ES Discover Kit

Coding cards & markers included!



ES Discover Kit



ES Markers



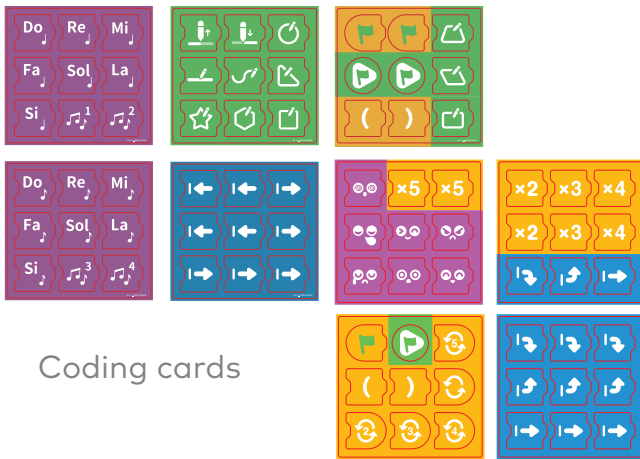
ES Discover
Markers

HOW IT WORKS



ES Discover

Coding cards (with storage box)



Map packs



ES Discover
Town & Grassland
extension pack

ES Discover
World & Treasure
extension pack

