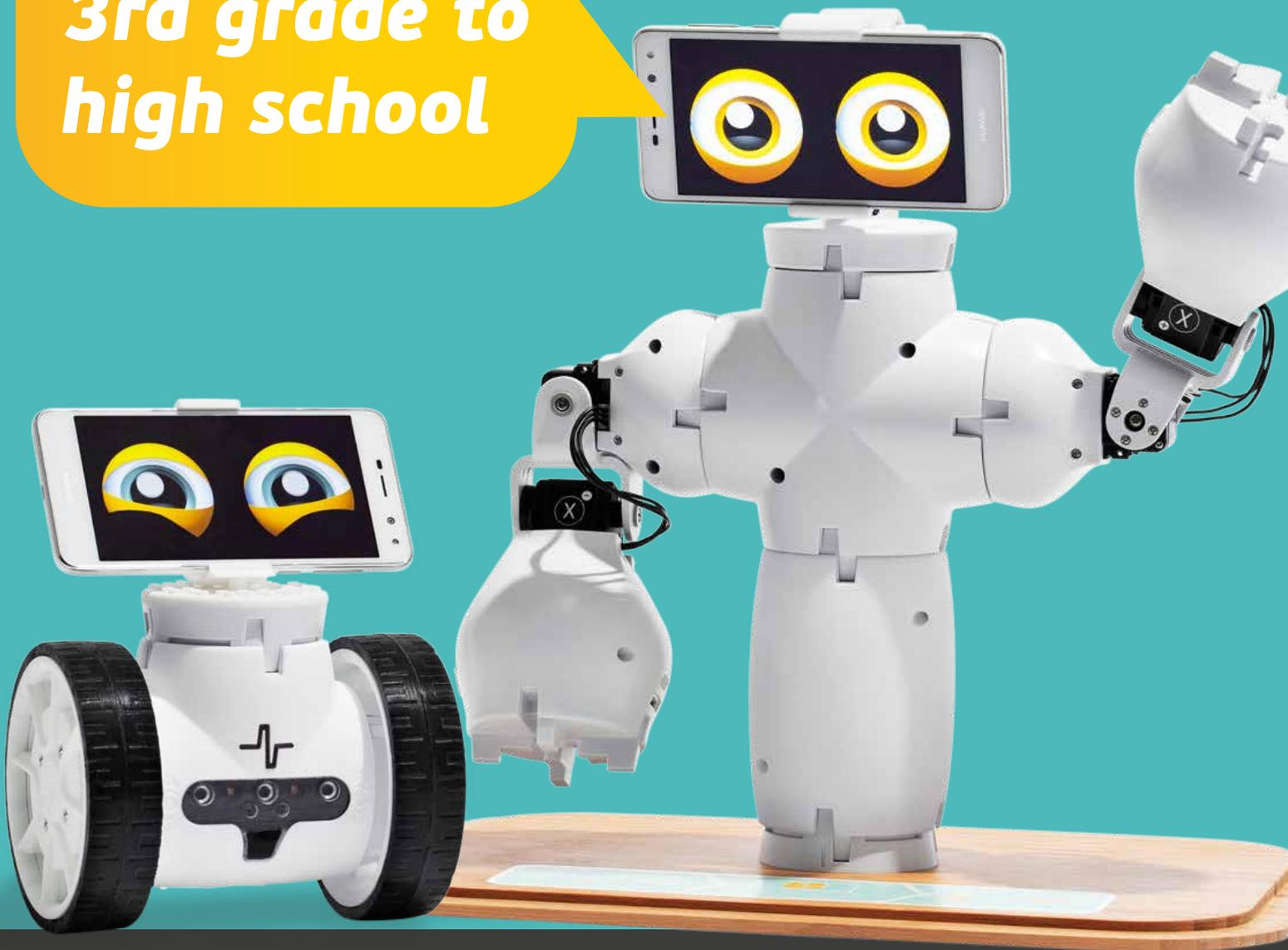


# fable

 Shape  
Robotics

*Use us from  
3rd grade to  
high school*



Technology and Computational Thinking  
Teaching in the 21<sup>st</sup> century

# Ready for the future

Artificial intelligence, nanotechnology, self-driving cars, 3D printing, quantum computers, biotechnology... **and robots.**

Scientists call it the **fourth industrial revolution.**

At Shape Robotics, we believe that **technical flair and ingenuity** will be in high demand.

That is why we want to help the future workforce to **master technology and become creators** of the solutions the world needs.



## Fable is...

- ✓ **Robust** – designed to withstand everyday life in schools
- ✓ **Powerful** – build from components with powerful motors and precise sensors.
- ✓ **Wireless** – communication via hub connected to your computer's USB.
- ✓ **Magnetic** – modules are connected by one click
- ✓ **Simple setup** – quick setup makes teaching proceed immediately
- ✓ **Compatible** – can be joined with LEGO®, a smartphone, or a 3D-print, later processing ind e.g. MS Excel.

LEGO® is a trademark of the LEGO Group of companies which does not sponsor, authorise or endorse this product

## Program Fable

**Using the USB Hub, the students wirelessly program their Fable robots in our interface, Fable Blockly.**

Blockly is divided into different levels, that can be adapted to different students' levels of competence. From basic visual programming using Blockly, over more advanced Blockly programming and further to powerful text-based programming with Python or JavaScript.

The program also allows for simple data processing with graphs or data logging to files for later processing e.g. in MS Excel.

Fable Blockly supports PC, Mac, Ipad and Chromebook.



# Fable - a robot designed for education

Fable helps to motivate students to embrace new technologies and build self-confidence in the skills of tomorrow.



## Release the potential

Teaching robots bridge the gap between technology, science and free imagination. Learning becomes play... and play becomes learning.



## Build your robots in seconds

With Fable, everybody can join. The modules are magnetic and click together in seconds. A wide range of accessories can be attached quick and easy.



## Danish robot with success

The robot is suitable for students from 8 years and upwards. Primary schools, middle schools, high schools and vocational schools around the world use Fable.



## Put a face on Fable

With an app on their smartphone, students can give Fable a face! They have control of eye expressions, sounds and can use the phone's sensors to control the robot.



## Increasing difficulty

Fable supports Blockly and Python!

Blockly - is a simple visual programming language that gradually becomes more challenging.

Python - is a powerful programming language for the more experienced student.



## Solve real problems

High-quality modules with strong actuators and sensors make Fable an ideal choice for hands-on problem solving. Students build robots, test their solutions and learn from their mistakes.



## Ready to use

We provide a great variety of educational materials, including STEAM lessons ready-for-teaching.

Our content is made by experienced educators!



## Breaking boundaries

Fable encourages project work across traditional subject boundaries and grade levels. The robot motivates students to dare to fail ... and try again and again.



## Three in one

- ✓ Robotic modules - contains rechargeable battery, onboard computer and much more to make the robot move and sense.
- ✓ Construction modules - are vital, yet passive, modules used to build both simple and more complex robots..
- ✓ Accessories - expands the possibilities and complete the design of a robot.

## Many cool sensors



# Fable kits to match all needs

Shape Robotics aims to offer solutions that are both timesaving for the teacher, easy to learn yet difficult to master, and provide excellent educational content and support.

The Fable solution prepares students for their future life and work by exposing them to playful, problem-based, hands-on learning.

Our current product portfolio consists of around 10 different sets of the Fable educational robotics system.

Below are examples of Fable sets.

Find all available Fable sets and prices at [www.shaperobotics.com](http://www.shaperobotics.com)

## Fable Start!

€ 985 / \$ 1,150



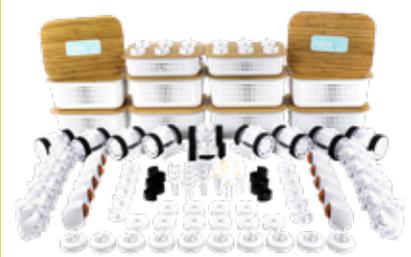
## Fable Makerspace!

€ 2,699 / \$ 3,070



## Fable Play! Class

€ 4,700 / \$ 5,499



### Contact

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There is much more  
at our website:

[www.shaperobotics.com](http://www.shaperobotics.com)