

Don't know where to start your students' coding & robotics journey? Start with **Twin Education Pack**.



twin EDUCATION PACK



Ages: 7 - 13

UK: KS 2 & 3 (Years 3-9)

US: Grades 2-8

IB: PYP & MYP



An **end-to-end** education solution for your institution



1 Education Pack can be used by up to **4 students**, making it a great classroom tool.



Easy to implement with the **Teacher Guide**

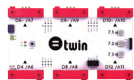


100+ hours of lesson plans aligned with **UK, US & IB** curricula

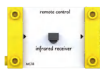
Awards



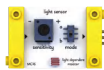
Modules and Additional Materials in the Education Pack



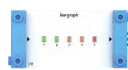
1 Coding Module



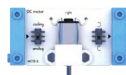
2 Remote Control



3 Light Sensor



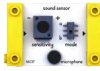
4 Bargraph



5 DC Motor x2



6 Button



7 Sound Sensor



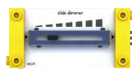
8 Signal Converter



9 LED x2



10 Ultrasonic Sensor



11 Slide Dimmer



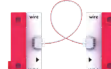
12 Proximity Sensor x2



13 Motion Sensor



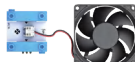
14 Latch



15 Wire x2



16 Counter



17 Fan



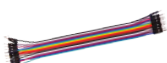
18 Ball Caster



19 USB Power Module



20 Buzzer



21 Jumper Cable x10



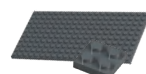
22 USB Data Cable



23 Tape x2



24 Wheels x2



25 Building Blocks



26 Servo Motor



27 Splitter



This is more than just a pack: It is a new approach to education, standing on 3 pillars which all speak to one another.

TWIN EDUCATION PACK

- 25 electronic parts and 17 craft materials
- Guidebook showcasing 25 projects such as a smart home system, line following car, or a servo robot
- No welding required—it's all magnetic and LEGO®-compatible
- Contains the Arduino-based Twin coding module
- Some projects created by students include an ocean-cleaning ship and an earthquake sensor

CURRICULUM

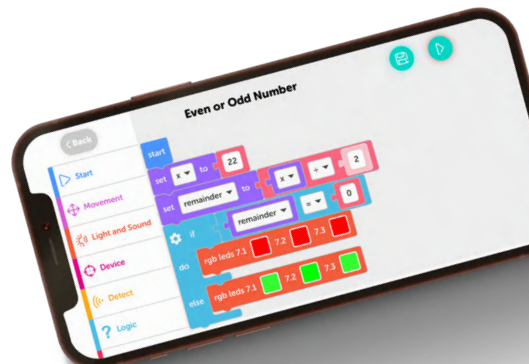
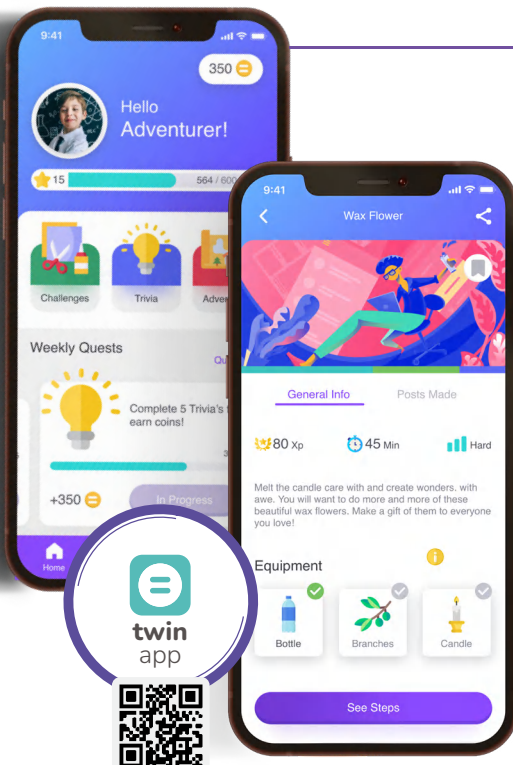
- Comprehensive, 100+ hours robotics and coding curriculum prepared with the guidance of esteemed academics
- Desired learning outcomes have been laid out in detail
- Aligned with the UK curriculum (Key Stage 2 & 3), Common Core Standards (K-8), and the International Baccalaureate (PYP & MYP)
- Unique double-wing approach to education emphasizing the importance of balancing know-how and humanitarian values



TWIN APPS

The curriculum and the physical kit are supported by two mobile applications: **Twin & Twin Coding**

- **Twin app:** A fascinating world of learning-through-play
- **Twin Coding app:** Students can use block codes to operate their modules.
- Web coding platform: code.twinscience.com.



OUR PHILOSOPHY

The Education Pack does not only consist of robotics & coding know-how. It also aims to fulfill social emotional learning objectives and teaches about the UN's Sustainable Development Goals to make sure children use technology for the good of humanity.

SUSTAINABLE DEVELOPMENT GOALS



IPSOS IMPACT ANALYSIS REPORT '20

97%
OF TEACHERS

saw the positive effect of Twin Kits on students' academic success

100%
OF TEACHERS

have had a positive experience with Twin Kits

97%
OF TEACHERS

think Twin Kits fit perfectly with the curriculum

100%
OF TEACHERS

think Twin creates awareness in the daily life of students

HEAR FROM OUR TWIN TEACHERS

"Using the Twin app, students can create, design, code, and build projects by following step by step visual and written differentiated instructions through the different designed Twin kits!"

"Thanks to Twin Kits, the students loved electronics and robotics again, and discovered how to create projects with waste materials and LEGO pieces. Now, thanks to the Twin mobile app, our students have learnt how to do experiments with the simple materials they have!"

Contact a sales representative and start a new chapter in your students' learning journey!

CONTACT US:

Send an e-mail to sales@twinscience.com