

PrimaSTEM Product Sheet

Screen-free coding and mathematics · Ages 4–10 · Made from wood

PrimaSTEM is a wooden programmable robot that teaches both coding and mathematics without a screen. Children place NFC command tokens on a tangible control board to build programs they can see and touch.

Two curriculum levels in one device: logic for ages 4–7 and real mathematics for ages 7–10. The robot draws geometric figures — stars, spirals, polygons — making math visible.

CE & UKCA certified. Made in Cannes, France. Complete kit with online lesson plans in 10 languages.



WHAT'S IN THE KIT

Ladybug Robot

- Diameter 125 mm, height 44 mm
- Wood
- USB-C charging, 2–3 hours battery
- Marker holder for drawing

Control Board

- 317 × 217 mm, wood
- 11 dual slots (6 main + 5 function)
- Bluetooth ~5 m
- Voice feedback speaker

Command Tokens

- 100 pcs, 33 × 33 mm, cardboard, NFC 13.56 MHz
- NFC 13.56 MHz
- Scratch color coding
- Writable via free phone app

Teacher's Guide

- Online at docs.primastem.com
- Lesson plans and activities
- Available in 10 languages
- Printable worksheets

SPECIFICATIONS

Material	Wood (robot, board), cardboard (tokens)
Robot	Diameter 125 mm, height 44 mm
Board	317 × 217 mm
Tokens	33 × 33 mm, NFC 13.56 MHz
Connectivity	Bluetooth ~5 m
Battery	Li-Ion USB-C, 2–3 hours
Default step	15 cm (adjustable: any value)
Angles	1°–360°
Audio	Voice feedback + sound samples
Certification	CE & UKCA
Age range	4–10
Made in	Cannes, France

COMMANDS

Movement & Program: Forward, Backward, Left, Right, Random, Function, Pause

Repeat: 2–999, Random repeat 1–6

Mathematics: +, −, ×, ÷, √, ^

Numbers: 1–999

System: Default step size, calibration

KEY FEATURES

Two levels: Logic (ages 4–7) and Mathematics (ages 7–10)

Drawing: Robot draws geometric figures with a marker

Open platform: NFC tokens writable with free app

Compatible: Works with any grid map (10–25 cm step)

Voice feedback: Board speaks each command

No screen: Fully tangible programming

from €220 excl. VAT

Wholesale price · Minimum order and delivery terms negotiable

Marketing materials in your language. Technical support. Joint participation at trade shows. Territory exclusivity negotiable.

Present in: France (direct), Netherlands, Luxembourg. Expanding into Spain.

All terms, pricing and exclusivity conditions are discussed individually. Contact us to start the conversation.