

PROGRAMMING

JOURNEY

Foundation focus

- Recognise that a range of technology is used in places such as homes and schools.
- Select and use technology for particular purposes.
- Develop basic understanding of action and reaction.



WONDERBUG



TACTILE READER



BLUE-BOT

ALGORITHM

DEBUG

KS1

Curriculum focus

- Understand what algorithms are.
- Create and debug simple programs.
- Use logical reasoning to predict the behaviour of simple programs.

PRO-BOT



ACTION

REACTION



BEE-BOT



RUGGED RACERS



EASI-CARS



CLEVER CATS



EYFS



KS3

PI3GO



Curriculum focus

- Design, write and debug programs that accomplish specific goals.
- Use sequence, selection and repetition in programs.
- Use logical reasoning to explain how some simple algorithms work.

DECOMPOSITION
PROGRAM

KS2

SEQUENCE
REPETITION

RAINBOW MATRIX



INO-BOT



Scratch compatible products













SCRATCH CONTROLLER



REASONING

SEQUENCE



KEY STAGE MATRIX	EYFS		KS1		KS2			KS3
	Recep.	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7+
Clever Cats 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Easi-Cars 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Rugged Racers 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Wonderbug 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Bee-Bot 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
TacTile Reader 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Blue-Bot 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Pro-Bot 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Scratch Controller 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Rainbow Matrix 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
InO-Bot 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink
Pi2Go 	Light Blue	Light Green	Light Green	Light Orange	Light Orange	Light Orange	Light Orange	Light Pink

KEY STAGE MATRIX

The key stage matrix has been designed to assist when looking at what products best suit your needs.

Download the Key Stage Matrix at www.tts-group.co.uk