

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



BEE-BOT



BLUE-BOT

5-7 yrs

PRO-BOT



Curriculum focus

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

ACTION

REACTION

ALGORITHM

DEBUG

CLEVER CATS



EASI-CARS



RUGGED RACERS



7-11 yrs

RAINBOW MATRIX



PI2GO



INO-BOT



SCRATCH CONTROLLER



Scratch compatible products

REASONING

SEQUENCE

11-14 yrs

DECOMPOSITION

PROGRAM

AGE MATRIX

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

| KEY STAGE MATRIX | 3-5 yrs | 5-7 yrs | 7-11 yrs | 11-14 yrs |
|--------------------|-------------|-------------|-------------|-------------|
| Clever Cats | Light Green | Light Green | Light Green | Light Green |
| Easi-Cars | Light Green | Light Green | Light Green | Light Green |
| Rugged Racers | Light Green | Light Green | Light Green | Light Green |
| Wonderbug | Light Green | Light Green | Light Green | Light Green |
| Bee-Bot | Light Green | Light Green | Light Green | Light Green |
| Tactile Reader | Light Green | Light Green | Light Green | Light Green |
| Blue-Bot | Light Green | Light Green | Light Green | Light Green |
| Pro-Bot | Light Green | Light Green | Light Green | Light Green |
| Scratch Controller | Light Green | Light Green | Light Green | Light Green |
| InO-Bot | Light Green | Light Green | Light Green | Light Green |
| Rainbow Matrix | Light Green | Light Green | Light Green | Light Green |
| Pi2Go | Light Green | Light Green | Light Green | Light Green |

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.

SEQUENCE

REPETITION