



CODING CHALLENGE

2025



YEAR 6 SHINE

LAST HALF TERM, OUR TALENTED YEAR 6 PUPILS TOOK PART IN THE FIRST BEBRAS CODING CHALLENGE. THE AIM OF THE 45-MINUTE CHALLENGE IS TO ENHANCE SKILLS, BUILD CONFIDENCE AND INSPIRE STUDENTS TO DEVELOP PROGRAMMED SOLUTIONS TO A RANGE OF COMPUTATIONAL THINKING PROBLEMS.

WE ARE INCREDIBLY PROUD TO ANNOUNCE THAT SIX OF OUR STUDENTS— FINLEY, DAJON, ALEXANDER, KSENIA, NIKHIL, LEILA AND JAMES ACHIEVED A GOLD AWARD, PLACING THEM IN THE TOP 10% OF PARTICIPANTS NATIONALLY. THIS IS AN EXCEPTIONAL ACCOMPLISHMENT, ESPECIALLY CONSIDERING THEY WERE COMPETING AGAINST STUDENTS UP TO THE AGE OF 19!

CONGRATULATIONS TO ALL OUR YEAR 6 PARTICIPANTS FOR THEIR ENTHUSIASM AND DETERMINATION

CHILDREN WHO ACHIEVED A DISTINCTION AWARD

FINLEY, DAJON, KSENIA, NIKHIL, LEILA, JAMES, ALEXANDER, JAKUB, JADEN, ANTONINA, AYLA, SOPHIE, RHYS, ROBERT, DAVY, KAMIL, RALPH

CHILDREN WHO ACHIEVED A MERIT AWARD

ROHITH, HERBY, MARCEL, ANAISHA, TAMIM, NOAH, JAYDEN L, SUDIKSHA, AYAN, FABIJUS, HADASSAH, ABHAY, KEHAN, AROUSH, SHEENA, AALIYAH, ZAYN, TRAVIS, NEVE, TROY, OTHMAN, SID

SCHOOL STATISTICS

Description	Min	Avg	Max	Participants
Caroline Haslett Primary School	4.000	26.4285714	48.000	56
Buckinghamshire	0.000	24.0286396	48.000	838
Country	0.000	23.4351268	48.000	49774



Harriet Page from Raspberry Pi observed Parsons class carrying out the Global Coding Challenge.

EXAMPLE QUESTION

AARAN IS DISTRAUGHT: "OH NO! THERE ARE NO MORE BLOCKS LEFT AND THOSE I USED TO MAKE MY HEART SHAPE HAVE ALL BEEN MOVED AROUND!"

TASK: REARRANGE THE PROVIDED BLOCKS TO REBUILD AARAN'S PROGRAM. THE PROGRAM SHOULD EXACTLY DRAW THE HEART SHAPE SHOWN FAINTLY BELOW.

The image shows a Scratch workspace with a faint heart shape on a coordinate grid. The grid has x-axis labels at 1100, 1200, and 1300, and y-axis labels at 100, 200, and 300. A small turtle icon is positioned at approximately (1200, 200). To the right of the workspace is a list of code blocks to be rearranged:

- Move forward: 130
- Pen down
- Pen up
- Turn right: 180
- repeat: 114 times
 - do: Move forward: 2, Turn left: 2
- Move back: 100
- repeat: 113 times
 - do: Move forward: 2, Turn left: 2
- Move forward: 130
- Turn right: 47

At the bottom of the workspace are buttons for 'Run', 'Next step', 'Reset', and 'Reset workspace'.

