

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Ask the class to copy the code in their notebooks.

Part 2 Breaking the code

- 1 The children now proceed to work out the total for each person they have met, including their own name cards in the following way. It is probably useful to show them how one name card works by writing it all up on the board.

$$\begin{array}{r}
 P \quad A \quad T \\
 16 + 1 + 20 = 37 \\
 M \quad O \quad O \quad N \\
 13 + 15 + 15 + 14 = 57 \\
 R \quad O \quad A \quad D \\
 18 + 15 + 1 + 4 = 38 \\
 \text{Letters total} = 132
 \end{array}$$

They add the age number and the street number to the total produced by the letters.

$$\begin{array}{r}
 \text{Age and street number} = 10 + 8 = 18 \\
 \text{Total} = 150
 \end{array}$$

- 2 Ask several individuals to give you their totals for the different people. Now the class tries to work out what all the children who live on ZZZ Land have in common.

All the cards total 150 except for one: WENDY. This card totals 230. Wendy is therefore the exception and she is the person from Earth.