## Exercise 5.1 PIXELLATE AN IMAGE

- 1 Form teams of 3 people (no more, no less). Each team must then:
- 2 Study this image, divided into 6x4 pixels:



- 3 In the *left-hand* array below, write in each pixel 0 or 1 according to whether the tone is nearer white (0) or black (1)
- 4 In the *right-hand* array below, with a marker, fill with black each pixel identified as 1

5 In the array below, write in each pixel a 3-bit code (e.g. *001*) according to the colours shown in this look-up table:

			000 white 001 blue 010 green 011 turquoise 100 red
			100 red 101 violet 110 yellow 111 black

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