

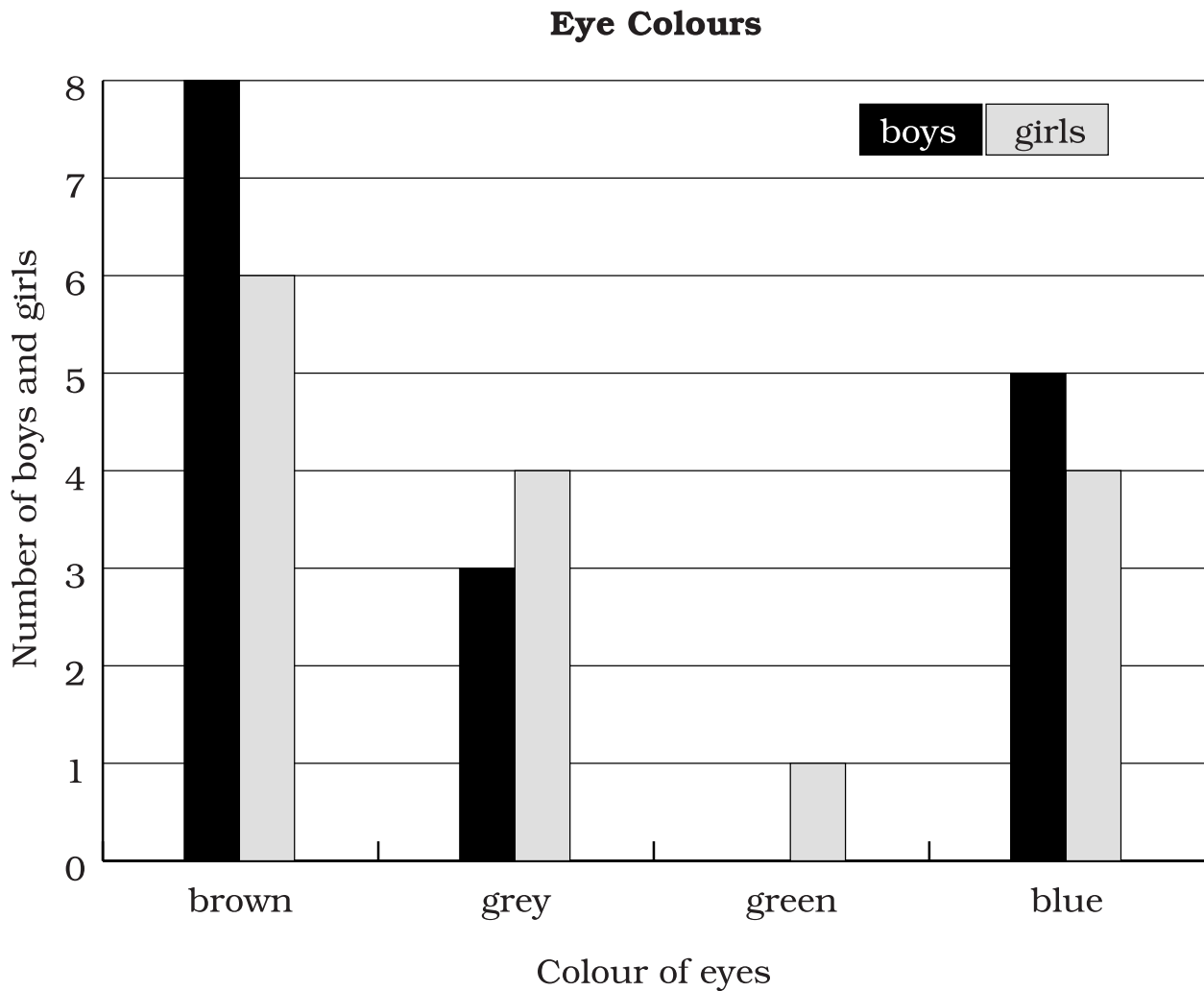
Eye Colours

Approach: Station

Level: Year 8

Focus: Converting a double bar graph into a table.

Resources: Ruler, pencil.



Questions/instructions:

Look at the bar graph called Eye Colours. The bar graph shows the different eye colours of boys and girls in Room 3.

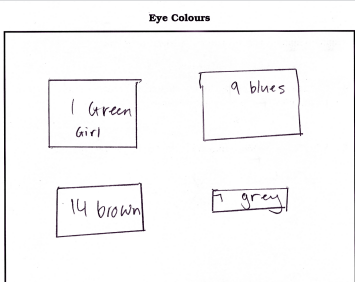
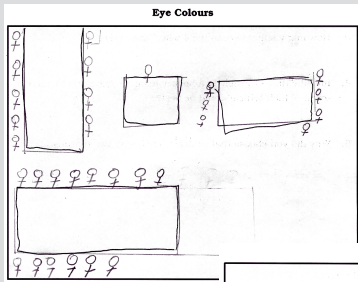
Make a table showing eye colours of boys and girls in Room 3.

	% responses	
	y4	y8
presented information in a table format		57
separate rows or columns for boys and girls		53
separate rows or columns for the four eye colours		55
all cell numbers correct		49

Commentary:

Converting this graph into a 2x4 table proved a substantial challenge for year 8 students. About half completed the task well.

Eye Colours exemplars

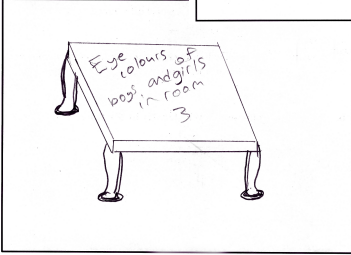


Eye Colours

brown: 1
 boys: + + + + +
 girls: + + + + +
 grey: 11
 boys: 111
 girls: 1111
 green: 1
 boys: 1
 girls: 1
 blue: 1
 boys: + + + + +
 girls: 1111

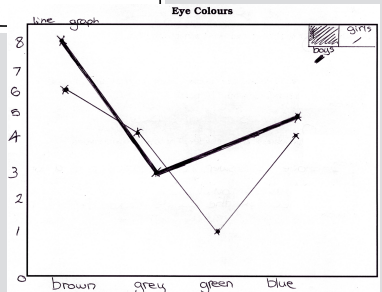
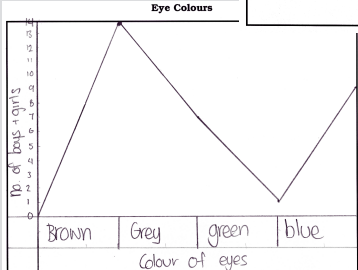
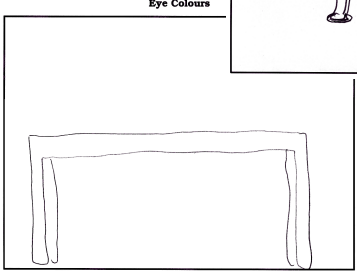
Eye Colours

They did a survey first then they ask the people what eye colour they have got then they can go on the computer or hand.



Eye Colours

Boys with brown eyes 8 /
 Boys with blue eyes 6 *
 Boys with grey eyes 3 -
 Boys with green eyes 0 /
 girl with brown eyes 6 -
 girl with blue eyes 4 -
 girl with grey eyes 4 -
 girl with green eyes 1 -



Eye Colours

I don't know what a table is

colour eyes	boys	girls
brown eyes	+ + + + +	+ + + + +
grey eyes	11	111
green eyes	+	1
blue eyes	+ + + + +	1111

Eye Colours

BROWN	GREY	GREEN	BLUE
▲▲▲▲▲	▲▲▲▲	▲	▲▲▲▲
1111111	111		11111
ff	4 girls with grey	only 1 girl but no boys with green eyes.	Boys are more with blue color eyes than girls

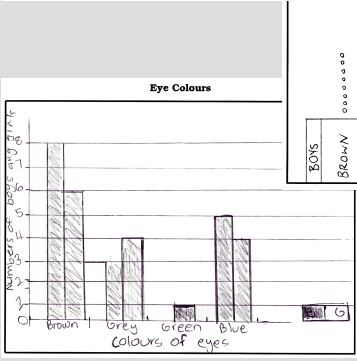
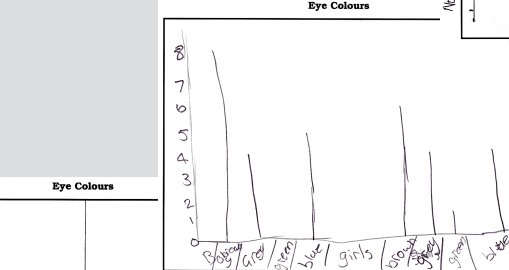
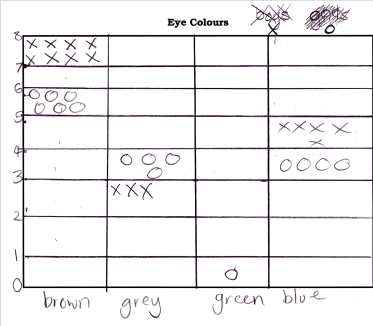
Brown is very high more boys with brown eyes than girls though

Eye Colours

	Brown	Grey	Green	Blue
1			///	
2				
3				
4		///		
5				///
6	///			
7				
8	///			

Boys and Girls

/// girls
 /// boys



Eye Colours

BOYS	BOYS	BOYS	BOYS	GIRLS	GIRLS	GIRLS	GIRLS
●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●
BROWN	GREY	GREEN	BLUE	BROWN	GREY	GREEN	BLUE

