Bar Charts-Answers

Key Stage 3: 2003 Paper 2 Level 3-5

1.

Tier & Question						Late
3-5	4-6	5-7	6-8			
4					Correct response	Additional guidance
a				1m	10	
b				1m	19	
c				1m	Indicates Wednesday and gives a correct explanation The most common correct explanations: Refer to the number of pupils or to the number of lates eg ▪ 24 were late that day, more than on any other day ▪ More pupils were late than on any other day ▪ Biggest number of lates Refer to the heights of the bars for the three year groups eg ▪ That day is always the tallest ▪ It's the one that was highest most often	✓ *Unambiguous abbreviation* eg • Wed • W Markers may find the following totals useful: Monday 10 Tuesday 12 Wednesday 24 Thursday 8 Friday 8 ✓ *Minimally acceptable explanation* eg, for the first category • 24 • 8 in Y7, 7 in Y8, 9 in Y9 • It has many lates eg, for the second category • The charts show more were late then • Taller bars ! *Explanation could be referring to all three year groups/charts or to just one year group/ chart* Do not accept explanations that refer explicitly to one year group/chart eg • The tallest bar is 9 and that is a Wednesday • More pupils were late in yr 9 on that day • The chart shows more were late then • Tallest bar Otherwise accept eg • Wednesday is the highest • Most pupils ! *Ambiguous statement* eg • That was the day everyone was late • Year 7, 8 and 9 all came late Ignore if accompanied by a correct response, but do not accept on its own
				(U1)		

Key Stage 3: 2004 Paper 1 Level 3-5

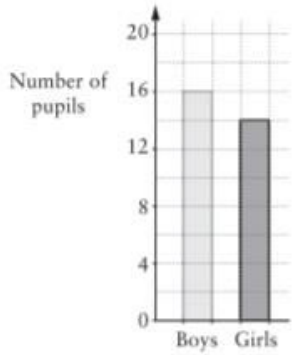
2.

Tier & Question					Club	
3-5	4-6	5-7	6-8			
12	7				**Correct response**	**Additional guidance**
a	a			**1m**	Indicates False and gives a correct explanation The most common correct explanations: Identify the statement is incorrect for week 2 eg ▪ True for the first and last weeks only Identify the statement is incorrect for one of the Wednesdays eg ▪ The most popular day was a Wednesday ▪ The highest ever bar was Wednesday ▪ One Wednesday there were 27 U1	✓ *Minimally acceptable explanation* eg • Not true for one of the weeks • Wed was higher ! *Explanation unclear as to whether it refers to one week or all three weeks* Condone eg, accept • Wed was the most popular day Do not accept incorrect explanations eg • Each week Wed was most popular ! *Number of pupils identified* Where the value is a multiple of 5, do not accept incorrect values. Otherwise, within a correct response, accept integer values between the relevant multiples of 5, eg for Monday of week 3 accept 26, 27, 28 or 29 × *Incomplete explanation* eg • Not always true
b	b			**1m**	Indicates True and gives a correct explanation The most common correct explanations: Identify that for each week 20 pupils attended eg ▪ 20 pupils went each Friday Identify the relevant feature of the charts eg ▪ The bars are all the same height U1	✓ *Minimally acceptable explanation* eg • 20 • The bars are the same × *Incorrect explanation, or incomplete explanation that simply restates the information given* eg • They are all *25 (error)* • Same amount went • It's the same number each week

Tier & Question					Club (cont)	
3-5	4-6	5-7	6-8			
12	7				**Correct response**	**Additional guidance**
c	c			**1m**	Indicates Not enough information and gives a correct explanation The most common correct explanations: State that names are not shown eg ▪ It doesn't give their names so we don't know who went each week State that the people could be different eg ▪ Same amount went each week but it could be different people ▪ Different pupils might have gone on different Fridays State that only the total is shown eg ▪ It doesn't say the same pupils went. It just says 20 pupils went on Friday ▪ It doesn't tell you about each pupil, it tells you about the total	✓ *Minimally acceptable explanation* eg • No names ✓ *Minimally acceptable explanation* eg • It doesn't tell you which pupils • Could be different each week ✓ *Minimally acceptable explanation* eg • It only gives the total • It just says 20 • All it says is how many × *Incomplete explanation* eg • You don't know • The charts don't show it • It doesn't give that much detail
				U1		

Key Stage 3: 2004 Paper 2 Level 3-5

3.

Tier & Question				Travelling by train		
3-5	4-6	5-7	6-8			
2					Correct response	Additional guidance
a				1m	24	
b				1m	Completes the bar for girls correctly and in the correct position, ie 	! *Bar not shaded or lines not ruled or accurate* Accept provided the pupil's intention is clear and the top of the bar is not more than 1mm from the line indicating 14
c				2m *or* 1m U2	Gives all four correct entries, ie 0 18 4 4 Gives at least two correct entries	✓ *For 2m, zero omitted*

Key Stage 3: 2004 Paper 1 Level 4-6

4.

Tier & Question					Club	
3-5	4-6	5-7	6-8			
12	7				**Correct response**	**Additional guidance**
a	a			**1m** U1	Indicates False and gives a correct explanation The most common correct explanations: Identify the statement is incorrect for week 2 eg ▪ True for the first and last weeks only Identify the statement is incorrect for one of the Wednesdays eg ▪ The most popular day was a Wednesday ▪ The highest ever bar was Wednesday ▪ One Wednesday there were 27	✓ ***Minimally acceptable explanation*** eg • Not true for one of the weeks • Wed was higher ! ***Explanation unclear as to whether it refers to one week or all three weeks*** Condone eg, accept • Wed was the most popular day Do not accept incorrect explanations eg • Each week Wed was most popular ! ***Number of pupils identified*** Where the value is a multiple of 5, do not accept incorrect values. Otherwise, within a correct response, accept integer values between the relevant multiples of 5, eg for Monday of week 3 accept 26, 27, 28 or 29 × ***Incomplete explanation*** eg • Not always true
b	b			**1m** U1	Indicates True and gives a correct explanation The most common correct explanations: Identify that for each week 20 pupils attended eg ▪ 20 pupils went each Friday Identify the relevant feature of the charts eg ▪ The bars are all the same height	✓ ***Minimally acceptable explanation*** eg • 20 • The bars are the same × ***Incorrect explanation, or incomplete explanation that simply restates the information given*** eg • They are all *25 (error)* • Same amount went • It's the same number each week

Tier & Question				Club (cont)		
3-5	4-6	5-7	6-8			
12	7				Correct response	Additional guidance
c	c			1m	Indicates Not enough information and gives a correct explanation The most common correct explanations:	
					State that names are not shown eg ▪ It doesn't give their names so we don't know who went each week	✓ *Minimally acceptable explanation* eg • No names
					State that the people could be different eg ▪ Same amount went each week but it could be different people ▪ Different pupils might have gone on different Fridays	✓ *Minimally acceptable explanation* eg • It doesn't tell you which pupils • Could be different each week
					State that only the total is shown eg ▪ It doesn't say the same pupils went. It just says 20 pupils went on Friday ▪ It doesn't tell you about each pupil, it tells you about the total	✓ *Minimally acceptable explanation* eg • It only gives the total • It just says 20 • All it says is how many
						× *Incomplete explanation* eg • You don't know • The charts don't show it • It doesn't give that much detail
				U1		

Key Stage 3: 2005 Paper 1 Level 3-5

5.

Tier & Question					Survey results	
3-5	4-6	5-7	6-8			
14	7				Correct response	Additional guidance
a	a			1m	Draws a correct bar for Don't know that indicates 9 people	! *Bar not ruled, accurate or shaded* Accept provided the pupil's intention is clear, and the height of the bar is closer to 9 than to either 8 or 10 ! *Bar incorrectly positioned or of an incorrect width* Condone
b	b			1m U1	Indicates 3 circles for Don't know	! *Circles not shaded or inaccurate in size* Accept provided the pupil's intention is clear ! *Follow through from part (a)* Accept the number of circles drawn as the height of their bar for Don't know ÷ 3 If this results in a part circle, condone any inaccuracy in their part circle

Key Stage 3: 2005 Paper 2 Level 3-5

6.

Tier & Question					Membership	
3-5	4-6	5-7	6-8			
8	1				Correct response	Additional guidance
a	a			1m	October	✓ *Unambiguous indication of month* eg • O ! *Correct frequency of 32 given* Ignore alongside indication of the correct month, but do not accept on its own
b	b			1m	11	

Key Stage 3: 2005 Paper 1 Level 4-6

7.

Tier & Question					Survey results	
3-5	4-6	5-7	6-8			
14	7				Correct response	Additional guidance
a	a			1m	Draws a correct bar for Don't know that indicates 9 people	! *Bar not ruled, accurate or shaded* Accept provided the pupil's intention is clear, and the height of the bar is closer to 9 than to either 8 or 10 ! *Bar incorrectly positioned or of an incorrect width* Condone
b	b			1m U1	Indicates 3 circles for Don't know	! *Circles not shaded or inaccurate in size* Accept provided the pupil's intention is clear ! *Follow through from part (a)* Accept the number of circles drawn as the height of their bar for Don't know ÷ 3 If this results in a part circle, condone any inaccuracy in their part circle

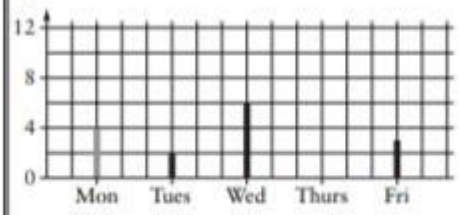
Key Stage 3: 2005 Paper 2 Level 4-6

8.

Tier & Question					Membership	
3-5	4-6	5-7	6-8			
8	1				Correct response	Additional guidance
a	a			1m	October	✓ *Unambiguous indication of month* eg • O ! *Correct frequency of 32 given* Ignore alongside indication of the correct month, but do not accept on its own
b	b			1m	11	

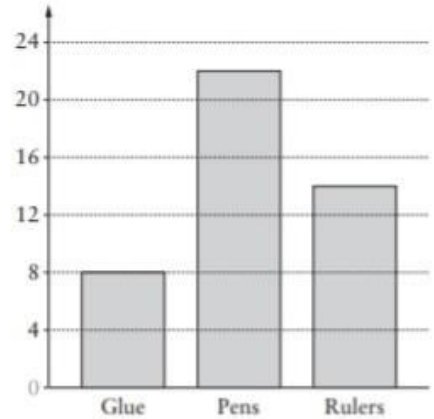
Key Stage 3: 2006 Paper 1 Level 3-5

9.

Tier & Question					Attending school	
3-5	4-6	5-7	6-8			
4					**Correct response**	**Additional guidance**
				2m	Completes the graph correctly for all four days, ie 	! *Bars not ruled or accurate* Accept provided the pupil's intention is clear and, for Friday, provided the height is nearer to 3 than to either 2 or 4
						! *Bars drawn with widths different from that given* Accept provided their intended widths are consistent
						! *Mark inserted to indicate zero on Thursday* Accept provided the pupil's intention is clear
				or 1m	Completes the graph correctly for two of the days or The only error is that the intended widths of the bars are inconsistent or Shows or implies the values 2, 6 and 3	✓ *Values 2, 6 and 3 implied by bars of heights 2, 6 and 3 squares drawn*
				U1		

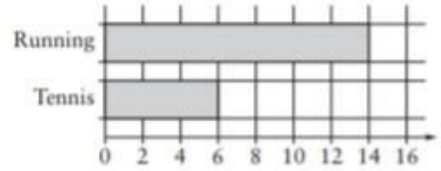
Key Stage 3: 2007 Paper 2 Level 3-5

10.

Tier & Question					Bar chart	
3-5	4-6	5-7	6-8			
7					**Correct response**	**Additional guidance**
				2m	Completes all labels for both axes correctly, ie 	✓ *Unambiguous indication of item names* eg, for Glue • G
				or 1m	Completes at least two labels on the vertical axis correctly	
				U1		

Key Stage 3: 2008 Paper 1 Level 3-5

11.

Tier & Question 3-5	4-6	5-7	6-8		Sports	
4					**Correct response**	**Additional guidance**
				2m	Completes both bars correctly, ie  	! *Bars not ruled, accurate or shaded* Accept provided the pupil's intention is clear ! *Bars inaccurately positioned or of incorrect widths* Condone
				or		
				1m	Completes one bar correctly or Indicates the values 14 and 6 eg ▪ Bars transposed but otherwise correct ▪ Values 14 and 6 highlighted on the horizontal scale	

<u>Key Stage 3: 2010 Paper 2 Level 3-5</u>

12.

Tier & Question 3-5	4-6	5-7	6-8	Mark	Favourite subject Correct response	Additional guidance
3						
a				1m	Maths	
b				1m	21 to 24 inclusive	✓ *Percentage qualified* eg • About 23

13.

Tier & Question 3-5	4-6	5-7	6-8	Mark	TV channels Correct response	Additional guidance
19	9	1		1m	ITV	✓ *Unambiguous indication*
				1m	Others	
				1m	Indicates BBC2 and gives a value between 10 and 15 inclusive	! *Indicates BBC2 and gives a range of percentages* Accept provided range given is within correct values eg, accept • 10 – 12 eg, do not accept • 15 – 20

Key Stage 3: 2010 Paper 2 Level 4-6

14.

Tier & Question				TV channels		
3–5	4–6	5–7	6–8			
19	9	1		Mark	Correct response	Additional guidance
				1m	ITV	✓ *Unambiguous indication*
				1m	Others	
				1m	Indicates BBC2 and gives a value between 10 and 15 inclusive	! *Indicates BBC2 and gives a range of percentages* Accept provided range given is within correct values eg, accept • 10 – 12 eg, do not accept • 15 – 20