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	Number of pupils	Number of male pupils	Number of female pupils
Overall	182	92	90
School 1	30	18	12
School 2	99	54	45
School 3	53	20	33

Table 1: Number of pupils (overall, per school and gender) that completed the two questionnaires

ATTITUDES TO SCHOOL						
PHASE I						
	Y6 Time 1	Y7 Time 2	End of Y7 Time 3	Number of pupils	Wilk's Lambda	Partial Eta Squared
All schools	73.13	72.21	70.06 (p<.05 from time 1 to time 3)	131	.956	.044
1	77.73	74.42	71.94 (non.sign.)	19	.851	.149
2	72.75	71.67	67.93 (p<.05 from time 2 to time 3, p<.05 from time 1 to time 3)	74	.886	.114
3	73.45	74.3	71.5 (non.sign.)	40	.951	.049

Table 2: Pupils' Attitudes to School (July 2011, November 2012, July 2012)

ATTITUDES TO SCHOOL – All schools			
	School Enjoyment	Misery/loneliness	Satisfaction with the work environment
Time 1	23.47	27.26	22.55
Time 2	22.31	27.63	21.82
Time 3	20.93	27.41	21.57
Number of pupils	165	155	161
Wilk's Lambda	.875	.997	.960
Partial Eta Squared	.125	.003	.040
Significance	p<.05 from time 1 to 2 p<.01 from time 2 to 3 and from time 1 to 3	Non-significant	p<.05 from time 1 to 3

Table 3: Pupils' mean responses and comparisons in attitudes between time 1 and 3 for the three subscales (school enjoyment, misery/loneliness and satisfaction with the work environment)

		TIME 1		TIME 2		TIME 3	
		Mean	Std. deviation	Mean	Std. deviation	Mean	Std. deviation
Overall attitudes	Males	70.77	11.53	71.02	10.04	69.55	11.93
	Females	75.54	9.18	73.24	10.49	71.64	10.67
	<i>Significance</i>	p<.01		non-sign.		non-sign.	
School enjoyment	Males	22.07	4.74	21.36	4.43	20.29	5.09
	Females	24.8	3.53	23.28	4.42	21.96	4.7
	<i>Significance</i>	p<.01		p<.01		p<.05	
Misery/ Loneliness	Males	26.51	5.87	27.36	4.9	27.13	6.54
	Females	27.89	4.83	28.09	4.8	27.83	5.17
	<i>Significance</i>	non-sign.		non-sign.		non-sign.	
Satisfaction with the work environment	Males	22.31	4.29	21.7	3.5	21.63	4.06
	Females	22.68	3.32	21.7	3.8	21.63	3.38
	<i>Significance</i>	non-sign.		non-sign.		non-sign.	

Table 4: Male and female pupils' attitudes to school for the whole scale and for the separate subscales (July 2011, November 2012, July 2012)

School Enjoyment							
	Time 1		Time 2		Time 3		Significance
	Mean	Std. Deviation	Mean	Std. Deviation	Mean	Std. Deviation	
1. I think my teachers are friendly.	3.35	.591	3.20	.685	3.10	.759	p=.003
2. I think most school work is just to keep us busy.	2.91	1.042	2.78	.939	2.71	.967	non-sign.
4. I think that my teachers take notice of what I need.	3.21	.911	3.14	.748	2.93	.895	p=.011
7. I look forward to coming to school most days.	2.97	1.013	2.73	1.032	2.59	1.071	=.003
8. I don't really enjoy anything about school.	3.13	.964	3.05	.990	2.87	.992	p=.003
9. I like school better than most other children.	2.34	1	2.30	.968	2.25	1.031	non-sign.
18. I wish we did things we like instead of being told.	2.29	1.049	2.02	.901	1.80	.848	p=.0
23. I like my teachers	3.28	.978	2.95	.915	2.83	.954	p=.0

Table 5: Means and standard deviations for the School Enjoyment sub-scale items (Time 1: end of Year 6, Time 2: November of Year 7, Time 3: end of Year 7).

Misery/Loneliness							
	Time1		Time 2		Time 3		Significance
	Mean	Std. Deviation	Mean	Std. Deviation	Mean	Std. Deviation	
3. Nobody at school seems to take any notice of me.	3.20	.979	3.01	.966	3.11	.974	non-sign.
5. People like me will never do well at school.	3.25	.959	3.26	.855	3.17	.948	non-sign.
10. Sometimes I feel lost and alone at school.	3.22	.969	3.39	.842	3.42	.862	non-sign.
12. I don't belong to many friendship groups at school.	2.99	1.080	3.16	.947	3.06	1.017	non-sign.
14. I don't have as many friends as I'd like at school.	3.08	1.122	3.25	.980	3.20	1.019	non-sign.
15. I'm afraid that I'll make a fool of myself in class.	2.86	1.086	2.80	1.058	2.82	1.069	non-sign.
19. People like me don't have much luck at school.	3.01	.997	3.03	.922	2.91	.993	non-sign.
21. I am afraid to tell teachers when I don't understand.	2.86	1.108	2.92	1.005	2.94	1.067	non-sign.
24. I have trouble keeping up with my work.	2.74	1.081	2.90	1.022	2.92	1.041	non-sign.

Table 6: Means and standard deviations for the Misery/Loneliness sub-scale items (Time 1: end of Year 6, Time 2: November of Year 7, Time 3: end of Year 7).

Satisfaction with the work environment							
	Time 1		Time 2		Time 3		Significance
	Mean	Std. Deviation	Mean	Std. Deviation	Mean	Std. Deviation	
6. I usually feel relaxed about school.	3.04	1.046	2.86	.918	2.97	.936	non-sign.
11. I am making good progress with my work.	3.51	.602	3.38	.678	3.29	.734	p=.008
13. When we do tests I feel confident I'll do well.	3.02	.866	2.77	.914	2.89	.9	p=.035
16. In class I'm often able to work with people I like.	3.34	.901	3.08	.928	3.11	.957	p=.022
17. I'm quite pleased with how school work is going.	3.33	.822	3.25	.836	3.24	.756	non-sign.
20. I am liked by most of the other children in my class.	3.06	1.047	3.19	.810	3.11	.871	non-sign.
22. Others in class include me in what they are doing.	3.15	.980	3.13	.799	3.03	.875	non-sign.

Table 7: Means and standard deviations for the Satisfaction with the Work Environment subscale items (Time 1: end of Year 6, Time 2: November of Year 7, Time 3: end of Year 7).

SCHOOL ENJOYMENT	TIME 1			TIME 3		
Questionnaire items	Male N=92	Female N=90	Sign.	Male N=92	Female N=90	Sign.
1.I think my teachers are friendly.	3.23	3.47	**	3.04	3.16	x
2. I think most school work is just to keep us busy.	2.78	3.04	x	2.55	2.89	**
4. I think that my teachers take notice of what I need.	3.11	3.31	x	2.83	3.03	x
7. I look forward to coming to school most days.	2.79	3.19	**	2.58	2.61	x
8. I don't really enjoy anything about school.	2.79	3.47	**	2.7	3.06	**
9. I like school better than most other children.	2.23	2.46	x	2.17	2.34	x
18. I wish we did things we like instead of being told.	2.13	2.44	*	1.65	1.95	**
23. I like my teachers.	3.07	3.49	**	2.74	2.93	x

Table 8 : Means and comparison between male and female pupils for the School Enjoyment subscale in Time 1 and Time 3

MISERY/LONELINESS	TIME 1			TIME 3		
Questionnaire items	Male N=92	Female N=90	Sign.	Male N=92	Female N=90	Sign.
3. Nobody at school seems to take any notice of me.	3.09	3.32	x	3.08	3.15	x
5. People like me will never do well at school.	3.18	3.32	x	3.12	3.22	x
10. Sometimes I feel lost and alone at school.	3.23	3.21	x	3.41	3.43	x
12. I don't belong to many friendship groups at school.	2.97	3.01	x	2.99	3.14	x
14. I don't have as many friends as I'd like at school.	2.98	3.19	x	3.29	3.1	x
15. I'm afraid that I'll make a fool of myself in class.	2.90	2.81	x	2.9	2.73	x
19. People like me don't have much luck at school.	2.87	3.16	*	2.85	2.97	x
21. I am afraid to tell teachers when I don't understand.	2.83	2.89	x	2.95	2.94	x
24. I have trouble keeping up with my work.	2.61	2.87	x	2.68	3.18	**

Table 9 : Means and comparison between male and female pupils for the Misery/Loneliness subscale in Time 1 and Time 3

SATISFACTION WITH THE WORK ENVIRONMENT	TIME 1			TIME 3		
Questionnaire items	Male N=92	Female N=90	Sign.	Male N=	Female N=	Sign.
6. I usually feel relaxed about school.	2.99	3.10	x	2.98	2.95	x
11. I am making good progress with my work.	3.43	3.58	x	3.24	3.34	x
13. When we do tests I feel confident I'll do well.	3.09	2.94	x	3.06	2.7	**
16. In class I'm often able to work with people I like.	3.32	3.37	x	3	3.23	x
17. I'm quite pleased with how school work is going.	3.22	3.44	x	3.24	3.23	x
20. I am liked by most of the other children in my class.	3.04	3.08	x	3.15	3.07	x
22. Others in class include me in what they are doing.	3.16	3.13	x	2.96	3.11	x

Table 10 : Means and comparison between male and female pupils for the Satisfaction with the Work Environment subscale in Time 1 and Time 3

Structure Matrix				
	Factor			
	1	2	3	4
1. I like music more than any other school subject.	.562	.650	-.372	.471
2. I enjoy singing in class.	.671	.238	-.183	.415
3. I like making music with my friends in class.	.778	.291	-.380	.266
4. We should have fewer music lessons.	.406	.618	-.461	.109
5. I like to watch music programmes on TV.	.178	.128	-.228	.880
6. Sometimes, music is boring.	.213	.866	-.236	.122
7. I like making my own music.	.733	.315	-.367	-.149
8. I should like to be given a musical instrument as a present.	.493	.284	-.552	-.025
9. Music is a good subject for everybody to learn.	.685	.640	-.642	.220
10. I always look forward to music lessons.	.572	.643	-.699	.374
11. I like playing the music that other people have written.	.435	.326	-.808	.248
12. We are finding out new things all the time in music lessons.	.085	.415	-.765	.193
13. I seem to get tired easily in music lessons.	.111	.761	-.246	.021
14. I like to listen to music that other people have written.	.314	.238	-.782	.073
15. I should like to get a job where I can use all I know about music.	.319	.495	-.328	.100

Table 11: The Structure Matrix Table - Extraction Method: Principal Component Analysis. Rotation Method: Oblimin with Kaiser Normalization.

Liking Music Scale (Alpha=0.81, N=178)		
	Corrected Item- Total Correlation	Cronbach's Alpha if Item Deleted
I like music more than any other school subject.	.623	.775
We should have fewer music lessons.	.541	.788
Sometimes, music is boring.	.616	.774
I always look forward to music lessons.	.706	.759
We are finding out new things all the time in music lessons.	.455	.803
I seem to get tired easily in music lessons.	.487	.798
I should like to get a job where I can use all I know about music.	.425	.807

Table 12: Liking music scale

Making Music Scale (Alpha=0.79, N=179)		
	Corrected Item- Total Correlation	Cronbach's Alpha if Item Deleted
I enjoy singing in class.	.449	.780
I like making music with my friends in class.	.579	.747
I like making my own music.	.519	.762
I should like to be given a musical instrument as a present.	.490	.769
Music is a good subject for everybody to learn.	.663	.730
I like playing the music that other people have written.	.562	.752

Table 13: Making music scale

ATTITUDES TO MUSIC						
PHASE I						
	Y6 Time 1	Y7 Time 2	End of Y7 Time 3	Number of pupils	Wilk's Lambda	Partial Eta Squared
All schools	43.09	43.75	40.45 (p<.01 from time 2 to time 3)	165	.955	.045
1	42.95	49.54	41.72 (p<.05 from time 2 to time 3)	22	.755	.245
2	42.91	41.22	38.61 (p<.05 from time 1 to time 3)	89	.932	.068
3	43.3	45.8	42.5 (non-sign.)	50	.94	.06

Table 14: Pupils' Attitudes to Music (July 2011, November 2012, July 2012)

ATTITUDES TO MUSIC – All schools		
	Liking music	Making music
Time 1	22.55	20.45
Time 2	22.85	21.02
Time 3	21.29	19.29
Number of pupils	167	168
Wilk's Lambda	.968	.957
Partial Eta Squared	.032	.043
Significance	p<.05 from time 2 to 3	p<.01 from time 2 to 3

Table 15: Pupils' mean responses and comparisons in attitudes between time 1 and 3 for the two music subscales (Liking Music and Making Music)

		TIME 1		TIME 2		TIME 3	
		Mean	Std. deviation	Mean	Std. deviation	Mean	Std. deviation
Overall attitudes to music	Males	40.14	12.33	41.48	12.01	38.43	12.05
	Females	45.55	10.32	46.02	11.24	42.88	12.09
	<i>Significance</i>	p<.01		p=<.01		p<.05	
Liking music	Males	21.4	6.8	21.7	6.6	20.34	6.94
	Females	23.58	6.4	23.8	6.6	22.2	6.85
	<i>Significance</i>	p<.05		p<.05		non-sign.	
Making music	Males	18.73	6.5	19.67	6.2	18.15	6
	Females	22.05	4.9	22.24	5.2	20.6	5.9
	<i>Significance</i>	p<.01		p<.01		p<.01	

Table 16: Male and female pupils' attitudes to school for the whole scale and for the separate subscales (July 2011, November 2012, July 2012).

	TIME 1		TIME 2		TIME 3		
Liking Music	Mean	Std. Deviation	Mean	Std. Deviation	Mean	Std. Deviation	Significance
1. I like music more than any other school subject	2.98	1.28	3.02	1.29	2.75	1.15	Non-sign.
2. We should have fewer music lessons.	3.5	1.45	3.65	1.38	3.54	1.37	Non-sign.
3. Sometimes, music is boring.	3.02	1.48	3.15	1.46	3.02	1.39	Non-sign.
4. I always look forward to music lessons.	3.68	1.37	3.58	1.37	3.29	1.24	p=.011
5. We are finding out new things all the time in music lessons.	3.53	1.4	3.74	1.22	3.83	1.08	Non-sign.
6. I seem to get tired easily in music lessons.	3.35	1.46	3.22	1.33	3.31	1.32	Non-sign.
7. I should like to get a job where I can use all I know about music.	2.47	1.34	2.51	1.33	2.75	1.16	Non-sign.

	TIME 1		TIME 2		TIME 3		
Making Music	Mean	Std. Deviation	Mean	Std. Deviation	Mean	Std. Deviation	Significance
8. I enjoy singing in class.	2.61	1.53	2.53	1.56	2.44	1.47	Non-sign.
9. I like making music with my friends in class.	3.53	1.4	3.93	1.29	3.63	1.23	p=.015
10. I like making my own music.	3.66	1.52	3.75	1.34	3.56	1.36	Non-sign.
11. I should like to be given a musical instrument as a present.	3.25	1.49	3.21	1.48	3.13	1.32	Non-sign.
12. Music is a good subject for everybody to learn.	3.90	1.31	3.82	1.27	3.73	1.22	p=.013
13. I like playing the music that other people have written.	3.46	1.35	3.76	1.25	3.63	1.21	p=.002

Table 17: Means and standard deviations for the music questionnaire items (Time 1: end of Year 6, Time 2: November of Year 7, Time 3: end of Year 7).

Questionnaire items	TIME 1			TIME 3		
	Male N=92	Female N=90	Sign.	Male N=89	Female N=87	Sign.
Liking Music						
1. I like music more than any other school subject	2.82	3.18	-	2.70	2.93	-
2. We should have fewer music lessons	3.24	3.74	*	3.25	3.49	-
3. Sometimes, music is boring	2.84	3.18	-	2.69	3.07	-
4. I always look forward to music lessons	3.47	3.93	*	3.14	3.36	-
5. We are finding out new things all the time in music lessons	3.58	3.48	-	3.49	3.38	-
6. I seem to get tired easily in music lessons	3.25	3.43	-	2.79	3.33	**
7. I should like to get a job where I can use all I know about music	2.29	2.71	*	2.40	2.69	-
Making Music						
8. I enjoy singing in class	2.16	3.08	**	1.87	2.77	**
9. I like making music with my friends in class	3.24	3.84	**	3.41	3.91	**
10. I like making my own music	3.52	3.85	-	3.32	3.74	*
11. I should like to be given a musical instrument as a present	2.94	3.55	**	3.02	3.16	-
12. Music is a good subject for everybody to learn	3.68	4.12	*	3.42	3.61	-
13. I like playing the music that other people have written	3.25	3.69	*	3.18	3.41	-

Table 18: Means and comparison between male and female pupils in Time 1 and Time 3