

Grade 6 Achievement Test Multiyear Report 1998-2002

4330 E. Central Alberta CSSRD No 16

English Language Arts

	1997-1998				1998-1999				1999-2000				2000-2001				2001-2002			
	Authority		Province		Authority		Province		Authority		Province		Authority		Province		Authority		Province	
Participation	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Enrolled^a	233	100.0	43704	100.0	239	100.0	43044	100.0	265	100.0	43977	100.0	248	100.0	44696	100.0	246	100.0	45078	100.0
Writing	162	69.5	40870	93.5	188	78.7	40068	93.1	222	83.8	40891	93.0	208	83.9	41185	92.1	191	77.6	41116	91.2
Absent^b	66	28.3	1468	3.4	44	18.4	1674	3.9	32	12.1	1590	3.6	38	15.3	1952	4.4	49	19.9	2121	4.7
Excused	5	2.1	1366	3.1	7	2.9	1302	3.0	11	4.2	1496	3.4	2	0.8	1559	3.5	6	2.4	1841	4.1
Results Based on Number Enrolled																				
Total Test																				
Acceptable Standard	136	58.4	34252	78.4	170	71.1	33824	78.6	187	70.6	35306	80.3	187	75.4	35176	78.7	166	67.5	36444	80.8
Standard of Excellence	20	8.6	5880	13.5	31	13.0	6952	16.2	33	12.5	8549	19.4	32	12.9	6675	14.9	32	13.0	6790	15.1
Below Acceptable Standard	26	11.2	6618	15.1	18	7.5	6244	14.5	35	13.2	5585	12.7	21	8.5	6009	13.4	25	10.2	4672	10.4
Results Not Available^c	71	30.5	2834	6.5	51	21.3	2976	6.9	43	16.2	3086	7.0	40	16.1	3511	7.9	55	22.4	3962	8.8
Results Based on Number Writing																				
Total Test																				
Acceptable Standard	136	84.0=	34252	83.8-	170	90.4+	33824	84.4-	187	84.2=	35306	86.3+	187	89.9+	35176	85.4+	166	86.9=	36444	88.6+
Standard of Excellence	20	12.3=	5880	14.4-	31	16.5=	6952	17.4+	33	14.9=	8549	20.9+	32	15.4=	6675	16.2+	32	16.8=	6790	16.5+
Below Acceptable Standard	26	16.0	6618	16.2	18	9.6	6244	15.6	35	15.8	5585	13.7	21	10.1	6009	14.6	25	13.1	4672	11.4
Part A: Writing																				
Acceptable Standard	133	82.1=	34456	84.3-	168	89.4=	34030	84.9=	183	82.4=	35651	87.2+	171	82.2=	34170	83.0-	167	87.4=	36908	89.8+
Standard of Excellence	18	11.1=	5606	13.7-	29	15.4=	6611	16.5+	33	14.9=	7840	19.2+	26	12.5=	5903	14.3-	22	11.5=	6054	14.7=
Part B: Reading																				
Acceptable Standard	139	85.8=	32820	80.3-	163	86.7=	32565	81.3-	186	83.8=	33792	82.6-	184	88.5=	34274	83.2-	161	84.3=	34699	84.4-
Standard of Excellence	49	30.2+	12145	29.7+	67	35.6+	12147	30.3+	80	36.0+	13786	33.7+	81	38.9+	13342	32.4+	65	34.0+	13641	33.2+
Mean (%)	67.0		67.8		69.2		67.8		67.3		68.1		67.4		66.7		68.4		68.9	
Standard Deviation^d	12.1		13.3		12.9		14.4		14.2		14.5		12.8		13.9		13.4		13.0	

^a Includes all students registered in Grade 6 and ungraded students in year 6 of schooling. School authority results do not include students in home education programs.

^b Includes students who were absent for the entire test or for part of the test, and those who wrote but whose results were withheld.

^c Includes students who were absent, excused by the superintendent, or who wrote but whose results were withheld. It is possible that some students, under different circumstances, could have demonstrated standards on the test.

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^{+,-,=} For these tests, at least 85% of students are expected to meet the Acceptable Standard and at least 15% are expected to meet the Standard of Excellence. The percentage of students meeting this standard is significantly above (+), not significantly different from (=), or significantly below (-) the expected percentage. Significance is not calculated when fewer than six students wrote the test.

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Mathematics

	1997-1998				1998-1999				1999-2000				2000-2001				2001-2002				
	Authority		Province		Authority		Province		Authority		Province		Authority		Province		Authority		Province		
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
Participation																					
Enrolled^a	235	100.0	41311	100.0	240	100.0	40646	100.0	265	100.0	41609	100.0	247	100.0	42448	100.0	247	100.0	42792	100.0	
Writing	185	78.7	38834	94.0	199	82.9	37765	92.9	225	84.9	38861	93.4	217	87.9	39324	92.6	196	79.4	39207	91.6	
Absent^b	48	20.4	1219	3.0	32	13.3	1596	3.9	31	11.7	1336	3.2	26	10.5	1518	3.6	45	18.2	1794	4.2	
Excused	2	0.9	1258	3.0	9	3.8	1285	3.2	9	3.4	1412	3.4	4	1.6	1606	3.8	6	2.4	1791	4.2	
Results Based on Number Enrolled																					
Total Test																					
Acceptable Standard	152	64.7	31525	76.3	165	68.8	31273	76.9	189	71.3	32526	78.2	185	74.9	33397	78.7	170	68.8	33231	77.7	
Standard of Excellence	18	7.7	6171	14.9	26	10.8	6369	15.7	29	10.9	6735	16.2	33	13.4	7560	17.8	38	15.4	7576	17.7	
Below Acceptable Standard	33	14.0	7309	17.7	34	14.2	6492	16.0	36	13.6	6335	15.2	32	13.0	5927	14.0	26	10.5	5976	14.0	
Results Not Available^c	50	21.3	2477	6.0	41	17.1	2881	7.1	40	15.1	2748	6.6	30	12.1	3124	7.4	51	20.6	3585	8.4	
Results Based on Number Writing																					
Total Test																					
Acceptable Standard	152	82.2=	31525	81.2-	165	82.9=	31273	82.8-	189	84.0=	32526	83.7-	185	85.3=	33397	84.9=	170	86.7=	33231	84.8=	
Standard of Excellence	18	9.7-	6171	15.9+	26	13.1=	6369	16.9+	29	12.9=	6735	17.3+	33	15.2=	7560	19.2+	38	19.4=	7576	19.3+	
Below Acceptable Standard	33	17.8	7309	18.8	34	17.1	6492	17.2	36	16.0	6335	16.3	32	14.7	5927	15.1	26	13.3	5976	15.2	
Knowledge																					
Acceptable Standard	155	83.8=	32018	82.4-	170	85.4=	31754	84.1-	188	83.6=	32939	84.8=	185	85.3=	33867	86.1+	172	87.8=	34313	87.5+	
Standard of Excellence	31	16.8=	8474	21.8+	55	27.6+	11658	30.9+	60	26.7+	12154	31.3+	53	24.4+	10602	27.0+	61	31.1+	10797	27.5+	
Skills																					
Acceptable Standard	153	82.7=	31450	81.0-	162	81.4=	30915	81.9-	192	85.3=	32173	82.8-	182	83.9=	33122	84.2-	168	85.7=	32570	83.1-	
Standard of Excellence	25	13.5=	7191	18.5+	27	13.6=	6176	16.4+	35	15.6=	6521	16.8+	40	18.4=	8194	20.8+	39	19.9=	8041	20.5+	
Mean (%)	69.0		69.2		69.6		69.4		66.9		67.2		70.7		71.3		72.0		71.3		
Standard Deviation^d	17.4		18.8		17.4		18.5		18.0		18.7		18.7		19.3		19.1		19.3		

^a Includes all students registered in Grade 6 and ungraded students in year 6 of schooling. School authority results do not include students in home education programs.

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Science

	1997-1998				1998-1999				1999-2000				2000-2001				2001-2002			
	Authority		Province		Authority		Province		Authority		Province		Authority		Province		Authority		Province	
Participation	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Enrolled ^a	227	100.0	41377	100.0	235	100.0	40640	100.0	257	100.0	41488	100.0	248	100.0	42370	100.0	243	100.0	42708	100.0
Writing	124	54.6	38462	93.0	156	66.4	37836	93.1	173	67.3	38483	92.8	169	68.1	39324	92.8	167	68.7	39051	91.4
Absent ^b	101	44.5	1535	3.7	73	31.1	1442	3.5	72	28.0	1535	3.7	76	30.6	1405	3.3	72	29.6	1824	4.3
Excused	2	0.9	1380	3.3	6	2.6	1362	3.4	12	4.7	1470	3.5	3	1.2	1641	3.9	4	1.6	1833	4.3
Results Based on Number Enrolled																				
Total Test																				
Acceptable Standard	97	42.7	30855	74.6	136	57.9	31980	78.7	149	58.0	32647	78.7	145	58.5	34540	81.5	139	57.2	33811	79.2
Standard of Excellence	21	9.3	7138	17.3	35	14.9	9204	22.6	40	15.6	10273	24.8	32	12.9	10754	25.4	39	16.0	9612	22.5
Below Acceptable Standard	27	11.9	7607	18.4	20	8.5	5856	14.4	24	9.3	5836	14.1	24	9.7	4784	11.3	28	11.5	5240	12.3
Results Not Available ^c	103	45.4	2915	7.0	79	33.6	2804	6.9	84	32.7	3005	7.2	79	31.9	3046	7.2	76	31.3	3657	8.6
Results Based on Number Writing																				
Total Test																				
Acceptable Standard	97	78.2-	30855	80.2-	136	87.2=	31980	84.5-	149	86.1=	32647	84.8=	145	85.8=	34540	87.8+	139	83.2=	33811	86.6+
Standard of Excellence	21	16.9=	7138	18.6+	35	22.4+	9204	24.3+	40	23.1+	10273	26.7+	32	18.9=	10754	27.3+	39	23.4+	9612	24.6+
Below Acceptable Standard	27	21.8	7607	19.8	20	12.8	5856	15.5	24	13.9	5836	15.2	24	14.2	4784	12.2	28	16.8	5240	13.4
Knowledge																				
Acceptable Standard	99	79.8=	31860	82.8-	143	91.7+	33703	89.1+	159	91.9+	34508	89.7+	152	89.9=	35827	91.1+	147	88.0=	34274	87.8+
Standard of Excellence	31	25.0+	9908	25.8+	43	27.6+	10801	28.5+	50	28.9+	12625	32.8+	46	27.2+	13753	35.0+	63	37.7+	13553	34.7+
Skills																				
Acceptable Standard	92	74.2-	29927	77.8-	130	83.3=	30502	80.6-	143	82.7=	30995	80.5-	135	79.9=	33307	84.7=	137	82.0=	33266	85.2=
Standard of Excellence	22	17.7=	7783	20.2+	41	26.3+	10307	27.2+	48	27.7+	11112	28.9+	34	20.1=	11551	29.4+	38	22.8+	9167	23.5+
Mean (%)	64.6		66.4		67.5		66.8		70.2		70.0		70.8		73.4		69.2		69.6	
Standard Deviation^d	16.8		17.2		16.2		17.8		16.2		17.6		16.6		16.2		17.6		17.0	

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Social Studies

	1997-1998				1998-1999				1999-2000				2000-2001				2001-2002			
	Authority		Province		Authority		Province		Authority		Province		Authority		Province		Authority		Province	
Participation	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Enrolled ^a	224	100.0	41356	100.0	235	100.0	40641	100.0	255	100.0	41529	100.0	247	100.0	42377	100.0	244	100.0	42713	100.0
Writing	126	56.3	38644	93.4	153	65.1	37725	92.8	176	69.0	38722	93.2	166	67.2	39211	92.5	167	68.4	38841	90.9
Absent ^b	95	42.4	1336	3.2	76	32.3	1464	3.6	67	26.3	1292	3.1	77	31.2	1451	3.4	73	29.9	1966	4.6
Excused	3	1.3	1376	3.3	6	2.6	1452	3.6	12	4.7	1515	3.6	4	1.6	1715	4.0	4	1.6	1906	4.5
Results Based on Number Enrolled																				
Total Test																				
Acceptable Standard	96	42.9	30161	72.9	123	52.3	30834	75.9	153	60.0	32529	78.3	143	57.9	33083	78.1	143	58.6	33276	77.9
Standard of Excellence	17	7.6	6547	15.8	27	11.5	6609	16.3	30	11.8	8321	20.0	35	14.2	7945	18.7	46	18.9	8322	19.5
Below Acceptable Standard	30	13.4	8483	20.5	30	12.8	6891	17.0	23	9.0	6193	14.9	23	9.3	6128	14.5	24	9.8	5565	13.0
Results Not Available ^c	98	43.8	2712	6.6	82	34.9	2916	7.2	79	31.0	2807	6.8	81	32.8	3166	7.5	77	31.6	3872	9.1
Results Based on Number Writing																				
Total Test																				
Acceptable Standard	96	76.2-	30161	78.0-	123	80.4=	30834	81.7-	153	86.9=	32529	84.0-	143	86.1=	33083	84.4-	143	85.6=	33276	85.7+
Standard of Excellence	17	13.5=	6547	16.9+	27	17.6=	6609	17.5+	30	17.0=	8321	21.5+	35	21.1+	7945	20.3+	46	27.5+	8322	21.4+
Below Acceptable Standard	30	23.8	8483	22.0	30	19.6	6891	18.3	23	13.1	6193	16.0	23	13.9	6128	15.6	24	14.4	5565	14.3
Knowledge																				
Acceptable Standard	102	81.0=	31724	82.1-	133	86.9=	32706	86.7+	158	89.8=	33904	87.6+	150	90.4=	33633	85.8+	142	85.0=	32843	84.6-
Standard of Excellence	27	21.4+	9548	24.7+	46	30.1+	12269	32.5+	61	34.7+	14167	36.6+	70	42.2+	12827	32.7+	75	44.9+	13565	34.9+
Skills																				
Acceptable Standard	92	73.0-	29150	75.4-	116	75.8-	29112	77.2-	149	84.7=	31076	80.3-	142	85.5=	32631	83.2-	145	86.8=	33408	86.0+
Standard of Excellence	19	15.1=	7100	18.4+	26	17.0=	5750	15.2=	23	13.1=	6576	17.0+	29	17.5=	6792	17.3+	37	22.2+	7008	18.0+
Mean (%)	65.9		67.4		67.5		67.8		67.6		67.4		69.2		66.4		69.8		67.4	
Standard Deviation^d	17.4		17.6		18.2		17.6		16.4		17.6		17.4		17.8		17.6		17.4	

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