Appendix A - Aberdeen City Council Education Improvement Journey- Key Performance Indicator Tracking Report - November 2018

Key Performance Indicator Tracking Summary:

Within these tables the following traffic light legends are applied:

Standardised Improvement Targets

- Percentages highlighted in green indicate meeting improvement targets (+/- 0.5%)
- Percentages highlighted in yellow indicate that the 2017-18 figures are higher than in 2016-17 but are outwith the improvement target (+/- > 0.5 1%)
- Percentages highlighted in amber indicate that 2017-18 figures are lower than in 2016-17 and not meeting the improvement targets (+/- > 1-5%)
- Percentages highlighted in red indicate that the 2017-18 figures are significantly lower than in 2016-17 and not meeting the improvement targets (+/->5%)

Closing the Gap Improvement Targets

- Percentages highlighted in green indicate the cohort outcome in 2017-18 is higher than in 2016-17 and meeting of improvement targets in reduction in difference between Quintiles (+/- 0.5%)
- Percentages highlighted in yellow indicate the cohort outcome in 2017-18 is higher than in 2016-17 but falls short of the improvement targets for reducing the difference between Quintiles (+/- > 0.5 1%)
- Percentages highlighted in amber indicate the cohort outcome in 2017-18 is lower than in 2016-17 and an increasing difference between Quintiles. (+/- > 1-5%)

Please note: Figures in italics are provided to establish the upper limits of gap-based measures and are for information only.

Performance Areas for Improvement		Improvement Targets										
Broad General									Greater than 1% increase in literacy			
Education – Achievement of				performance								
Curriculum for	P1				P4				Greater than 1% increase in numeracy			
Excellence (CfE		No. of pupils	Early Level	Early Level (%)		No. of pupils	First Level	First Level (%)	performance			
Levels)	Reading	2121	1674	79.2	Reading	1992	1534	77.16	Comment:			
Reading	Writing	2121	1621		Writing	1992	1429	71.88	Comment.			
Writing	L&T	2121	1825		L L&T	1992	1698	85.41	For each CfE component/level in Primary			
Listening and	Numeracy	2121	1746	82.7	Numeracy	1998	1497	75.08	Schools there is an increase from 2016/17			
Talking (L&T) • Numeracy	P7	No. of pupils	Second Level	Second Level (%)					greater than 1%. P7 stage has the highest primary increase for Writing (+6.6%), Reading and Numeracy (+5.7% respectively).			
	Reading Writing	1791 1791	1383 1298	77.3 72.6					There is dealine in worth or of 62 years.			
	L&T	1791	1521	85.1					There is decline in number of S3 pupils achieving Third and Fourth level (combined)			
	Numeracy	1793	1338	74.79					in Reading and Listening and Talking, Writing			
	53	1735		remained at the same level and there is an improvement in Numeracy (+1.7%). Notable improvements across all curriculum								
		No. of pupils	Third Level or		l Level or better (%)	Fourth Lev		Fourth Level (%)	organisers at S3 Fourth Level, especially in Numeracy (+10.4%)			
	Reading	1554		1295	84.59		797	52.06	Numeracy (+10.4%)			
	Writing	1554		1253	81.79		751	49.02				
	L&T	1554		1304	85.12		810	52.87				
	Numeracy	1554		1287	84.12		943	61.63				

Performance Areas	Key Performance Indicator Data										Improvement Targets
for Improvement Closing the Poverty											Greater than 1% reduction in difference
Attainment Gap –			between Quintiles 1, 2 and 3 with quintile								
Broad General				PKIIV	ARY 2017/18	3 (ABERDEEN (CITY)				5 for both literacy and numeracy
Education		• · · · · · · · · · · · · · · · · · · ·									
	SIMD 2016	No. of	Reading - Early	Reading - Early	Writing - Early	Writing - Early	L&T - Early	L&T - Early	Numeracy	Numeracy	
Primary	Quintiles	Pupils	Level	Level (%)	Level	Level (%)	Level	Level (%)	- Early Level	- Early Level (%)	Comment:
By SIMD 2016	Quintile 1 -										Comment.
Quintiles	Most Deprived	246	179	73.66	181	74.49	203	83.54	186	76.54	SIMD Quintile 1 and Quintile 5 Differential
 Reading 	Quintile 2	550	385	70.13	368	67.03	435	79.23	415	75.59	At authority level, there is noticeable
Writing	Quintile 3	278	209	76.00	203	73.82	237	86.18	232	84.67	progress in closing the differentials
 Listening and 	Quintile 4	357	295	82.87	286	80.0	315	88.0	307	86.0	between SIMD Quintiles 1 and 5 across
Talking (L&T)	Quintile 5 -										most components, albeit that this is not as
 Numeracy 	Least Deprived	690	606	87.95	583	85.0	635	92.0	606	88.0	apparent across the P4 cohort. This is
					P	24					most likely as a result of the very target
		No. of	Reading - First	Reading - First	Writing - First	Writing - First	L&T - First	L&T - First	Numeracy -	Numeracy - First	interventions that have been planned
		Pupils	Level	Level (%)	Level	Level (%)	Level	Level (%)	First Level	Level (%)	through the utilisation of Pupil Equity
	Quintile 1 -										Funding. Officers will work with primary
	Most Deprived	226	138	61.33	117	52.00	157	69.78	138	61.33	colleagues to better understand the
	Quintile 2	485	341	70.31	310	63.92	403	83.09	332	68.17	variation at Primary 4.
	Quintile 3	257	182	71.09	167	65.23	212	82.81	174	67.70	
	Quintile 4	288	236	82.23	224	78.05	250	87.11	231	79.93	SIMD Quintile 2 and Quintile 5 Differential
	Quintile 5 -										Whilst evidence of a closing of the gap
	Least Deprived	735	636	86.65	610	83.11	675	91.96	621	84.49	between SIMD 2 and 5 in Primary
					Р	7					Education is less substantive, the figures
		No. of	Reading-	Reading - Second	Writing -	Writing - Second	L&T - Second	L&T - Second	Numeracy -	Numeracy -	from both Third and Fourth level at S3
		Pupils	Second Level	Level (%)	Second Level	Level (%)	Level	Level (%)	Second Level	Second Level (%)	indicate that the majority of Improvement Targets have been met in 7
	Quintile 1 -										out of 8 components, with Listening and
	Most Deprived	200	131	65.83	121	60.80	155	77.89	124	62.31	Talking at 3 rd level or above being the sole
	Quintile 2	413	265	64.16	240	58.11	311	75.30	260	62.95	exception.
	Quintile 3	228	162	71.68	153	67.70	192	84.96	164	72.25	execution.
	Quintile 4	282	238	84.40	222	78.72	255	90.43	227	80.50	SIMD Quintile 3 and Quintile 5 Differential
	Quintile 5 -										Across both Primary and Secondary
	Least Deprived	666	586	88.12	561	84.36	606	91.13	562	84.38	Education, the picture for the comparative
											outcomes between SIMD 3 and 5, show a
											similar varied pattern as that of SIMD 2
											but with the most improvement being
											evidenced against Primary Education.

Performance Areas for Improvement					Key Perfo	rmance Indicator D	ata				Improvement Targets
Closing the Poverty		Greater than 1% reduction in									
Attainment Gap –		difference between Quintiles 1, 2									
Broad General			and 3 with Quintile 5 for both								
Education		literacy and numeracy									
Cacandami	SIMD 2016	No. of	Reading - Third	Reading - Third	Writing – Third Level	Writing - Third Level or better	L&T - Third	L&T - Third Level or better	Numeracy - Third Level	Numeracy - Third Level	
Secondary By SIMD 2016	Quintiles	Pupils	Level or better	Level or better (%)	or better	(%)	Level or better	(%)	or better	or better (%)	See above
Quintiles	Quintile 1 -	Тарпз	Level of Better	Level of Better (70)	Of Better	(70)	Level of Better	(70)	or better	or better (70)	
Reading	Most Deprived	153	103	68.21	100	66.23	101	66.89	99	66.44	
Writing	Quintile 2	365	272	76.62	256	72.11	270	76.06	274	76.97	
Listening and	Quintile 3	191	146	77.25	141	74.60	147	77.78	151	81.18	
Talking (L&T)	Quintile 4	275	235	87.36	225	83.33	241	89.26	230	84.87	
Numeracy	Quintile 5 -										
	Least Deprived	568	537	95.04	530	93.81	544	96.28	531	93.82	
										Numeracy	
		No. of	Reading - Fourth	Reading - Fourth	Writing -	Writing - Fourth	L&T - Fourth	L&T - Fourth	Numeracy	- Fourth Level	
		Pupils	Level	Level (%)	Fourth Level	Level (%)	Level	Level (%)	- Fourth Level	(%)	
	Quintile 1 -										
	Most Deprived	153	45	29.80	40	26.49	41	27.15	63	42.28	
	Quintile 2	365	123	34.65	116	32.68	133	37.46	173	48.60	
	Quintile 3	191	72	38.10	64	33.86	74	39.15	107	57.53	
	Quintile 4	275	152	56.51	145	53.70	148	54.81	177	65.31	
	Quintile 5 -										
	Least Deprived	568	404	71.50	385	68.14	413	73.10	422	74.56	

Phase- lates Attaining Literacy			Key Performance Indicator Data											
	Local Banchmarking Maa	y and Numeracy S4 based on S4			Greater than 1% increase at SCQF level 4									
nd Numeracy	Local Belicilila Kilig Wea	Sure. Literat	Greater than 1% increase at SCQF level 5											
		Year	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort									
	Aberdeen City	2017	88.27	52.57	1577	Comment:								
	Virtual Comparator	2017	88.07	59.42	15770									
	National	2017	85.49	52.29	50335	Secondary 4								
	Aberdeen City	2018	77.06	47.15	1648	The outcomes at S4 show a material reduction in outcomes at both SCQF Levels 4 and 5 which min								
	Virtual Comparator	2018	82.39	53.88	16480	the pattern displayed by both the National								
	National	2018	81.06	49.53	49776	Establishment and Virtual Comparator data.								
	Local Benchmarking Mea	sure: Literac	Secondary 5											
		Year	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort									
			•			At S5, there is limited statistical change in the outcomes across SCQF Levels 4 and 5 with both								
	Aberdeen City	2017	86.67	60.00	1680	measures' direction of travel mirroring, and close matching, the National Establishment trends. Lev								
	Virtual Comparator	2017	90.93	70.01	16800	4 Literacy and Numeracy met the local								
	National	2017	87.53	63.34	51836	Improvement Target for this measure								
	Aberdeen City	2018	87.70	59.09	1601									
	Virtual Comparator	2018	90.76	69.13	16010	Secondary 6								
	National	2018	88.23	63.17	50932	Although statistically unchanged from 2016-17,								
	Local Benchmarking Mea	sure: Literac	both measures are within tolerance of the local											
		Year	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort	Improvement Targets, albeit that at Level 5, the differential to the National Establishment and Virtual Comparator figure has widened marginally								
	Abaudaan Citu	2017	07.10	C1 00	4740									
	Aberdeen City Virtual Comparator	2017	87.19 90.86	61.00 70.76	1718 17180									
	National National	2017	87.38	63.79	52975									
	Aberdeen City	2017	86.99	61.22	1676									
	Virtual Comparator	2018	91.15	71.78	16760									
	National	2018	87.82	65.34	51952									

Senior Phase – S6 Cohort
Cumulative
(S4-6) Average
Complementary Tariff Points

Local Benchmarking Measure: Improving Attainment for All, Average Complementary Tariff Points, Stage S6 based on S4

		,			
	Year	Lowest Attaining 20%	Middle Attaining 60%	Highest Attaining 20%	Number in Cohort
Aberdeen City	2017	121	580	1273	1718
Virtual Comparator	2017	165	714	1326	17180
National	2017	133	619	1263	52975
Aberdeen City	2018	117	582	1301	1676
Virtual Comparator	2018	167	714	1334	16760
National	2018	135	624	1271	51952

Senior Phase – Closing the Poverty Gap

- Literacy and Numeracy
- S6 Cohort Cumulative Complementary Tariff points

Local Benchmarking Measure: Literacy and Numeracy, 30% most and least deprived attaining Literacy and Numeracy (S6 based on S4)

			Most Deprived 30%			Least Deprived 30	0%
	Year	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort
Aberdeen City	2017	78.50	44.16	428	94.63	74.51	820
Virtual Comparator	2017	83.50	54.00	4280	95.45	81.77	8200
National	2017	80.10	48.97	16464	94.30	79.54	15336
Aberdeen Difference	2017	16.13	30.35				
Aberdeen City	2018	78.05	44.39	401	93.15	73.64	774
Virtual Comparator	2018	83.47	55.01	4010	96.07	84.22	7740
National	2018	80.90	50.12	16456	94.42	80.86	15207
Aberdeen Difference	2018	15.1	29.39				

Local Benchmarking Measure: Improving Attainment for All, Average Complementary Tariff Points, Stage S6 based on S4 Number in **Attainment Cohort** Cohort Middle 60% Lowest 20% Highest 20% Year **Aberdeen City** 30% Most deprived 2018 76 326 970 401 196 30% Least deprived 2018 785 1416 774 **Virtual Comparator** 30% Most deprived 2018 106 478 1106 4010 30% Least deprived 2018 287 902 1430 7740 National 30% Most deprived 2018 88 427 1060 16456 30% Least deprived 2018 245 857 1404 15207

Greater than 1% increase for S6 cohort based on cumulative (S4-6) average complementary tariff points

Comment:

Whilst the outcomes for the Lowest and Middle Attaining cohorts are statistically unchanged, the figure for the Highest Attaining has improved and exceeds both the National Establishment and Virtual Comparator outcomes.

Greater than a 1% reduction in the percentage difference between the most and least deprived for Literacy and Numeracy at SCQF Levels 4 and 5.

Comment:

At SCQF Levels 4 and 5, the Improvement Targets relating to reducing the deprivation gap have been met in both instances.

The gap in Literacy and Numeracy at SCQF Level 4 is above the Virtual Comparator and National Establishment figure whilst the Level 5 outcome matches or betters both of the benchmarks.

At both Levels, the annual improvement rate is better than the Virtual Comparator and matches the National figures

However, the absolute outcomes for each deprivation -based component at SCQF Levels 4 and 5 show limited statistical change.

Greater than a 1% reduction in the difference in S6 cohort cumulative complementary tariff points for 30% most and least deprived.

Comment:

The deprivation related gap between outcomes for those in the Lowest 20% Attainment Cohort has closed by the more significant margin, (and meets the Improvement Target), the results for the Middle 60% and Highest 20% have deteriorated slightly, largely as a result of improvement in the outcomes of the 30% Least Deprived.

In most cohort instances, the local Tariff Points score for the Most Deprived 30% falls short of the National Establishment and Virtual Comparator figures.

Performance Areas for Improvement			Improvement Targets												
Broad General Education – Achievement of Curriculum		PRIMARY – ACHIEVEMENT OF CFE LEVELS													
for Excellence (CfE Levels)	P1				P4				After Children (Broad General						
Care Francisco and Children		No. of pupils	Early Level	Early Level (%)		No. of pupils	First Level	First Level (%)	Education)						
Care Experienced Children and Young People	Reading	18	12		Reading	17	10	58.82							
and roung reopie	Writing	18	11		Writing	17	**	**							
Reading	L&T	18	12		L&T	17	11	64.71	Comment:						
Writing	Numeracy	18	13	72.22	Numeracy	17	7	41.18							
• Listening and Talking (L&T)	P7								The outcomes for Looked After						
Numeracy		No. of pupils	Second Level	Second Level (%)					Children, with the exception of Numeracy at Third Level or better, are						
	Reading	8	**	**					all improved with 6 out of 12						
	Writing	8	**	**					components/levels also achieving or						
	L&T	8	**	**					exceeding the local Improvement						
	Numeracy	8	**	**					Targets.						
		SECONDARY – ACHIEVMENT OF CFE LEVELS													
	S3								In aggregate, the results for Reading across the three levels are most						
		No. of pupils	Third Level or better	Third Leve	el or better (%)	Fourth Level	Fourth Le	vel (%)	improved, followed by Listening and Talking with similar variations in						
	Reading	17		7	50.00	**		**	improvement being experienced across each Level.						
	Writing	17		8	53.33	**		**	across each Level.						
	L&T	17		8	53.33	**		**							
	Numeracy	17		6	42.86	**		**							
		ating to Primary 7 and ing and publication.	Fourth level at S3 conta	in small numbers w	hich could potentia	lly identify individual pupils the	refore are suppresse	d for the							

Performance Areas for Improvement		Improvement Targets				
Senior Phase- Candidates Attaining Literacy	Local Benchmarking M	easure: Liter	3% increase at SCQF Level 4 Literacy and Numeracy			
and Numeracy		Year	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort	4% increase at SCQF Level 5 Literacy and Numeracy
Care Experienced Children and						Comment:
Young People	Aberdeen City	2017	37.93	6.90	29	The outcome of both Literacy and Numeracy
roung roopio	Virtual Comparator	2017	79.31	42.76	290	measures fell below the Improvement Targets,
	National	2017	49.32	9.63	1101	by a significant margin at S4, and a smaller gap
	Aberdeen City	2018	25.93	3.70	27	at S6.
	Virtual Comparator	2018	61.48	22.22	270	This is, in part, determined by presentation
	National	2018	47.17	9.96	1115	policy assessments for individual Care
	Local Benchmarking M	easure: Liter	Experienced Children and Young People.			
		Year	% Level 4 Literacy and Numeracy	% Level 5 Literacy and Numeracy	Number in Cohort	
	Aberdeen City	2017	53.33	13.33	15	
	Virtual Comparator	2017	78.67	46.67	150	
	National	2017	62.89	25.52	768	
	Aberdeen City	2018	42.86	14.29	14	
	Virtual Comparator	2018	80.00	45.00	140	
	National	2018	62.50	25.28	720	
		_	verage Complementary Tariff Point Scores for Care vidual pupils therefore have not been published	Experienced Children and Young People (S6, based on S	S4) contain small numbers	