



EDUCATION FOR LIFE SCRUTINY COMMITTEE - 26TH FEBRUARY 2018

SUBJECT: KEY STAGE 4 / KEY STAGE 5 PERFORMANCE 2017

REPORT BY: EDWARD PRYCE, EDUCATION ACHIEVEMENT SERVICE (EAS)

1. PURPOSE OF REPORT

- 1.1 To inform Members of pupil performance at Key Stage 4 (Age Range 14-16) and Key Stage 5 (Age Range 16-18).

2. SUMMARY

- 2.1 This report presents Members with the final published 2017 performance data for key stage 4 and 5.

3. LINKS TO STRATEGY

Education Achievement Services (EAS) Business Plan
Education Service Improvement Plan
Single Integrated Plan

- 3.1 The attainment results published in this report contribute towards the following Well-being Goals within the Well-being of Future Generations Act (Wales) 2016:

- *A prosperous Wales**
- *A more equal Wales**

- 3.2 This is because 'a prosperous Wales' is about developing a well-educated and skilled population and 'a more equal Wales' is defined as a 'society that enables people to fulfil their full potential no matter what their background or circumstances, education attainment is a part of fulfilling that potential.

4. KEY STAGE 4 (AGE RANGE – 14-16)

- 4.1 At Key Stage 4, the following key performance measures are used to evaluate and compare the full range of achievement within and across local authorities:

Level 2 threshold including English or Welsh first language and best of mathematics/numeracy (L2+)	Learners must have gained level 2 qualifications in English or Welsh first language and in mathematics as part of their threshold of 5 Level 2 qualifications.
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Level 2 threshold (L2)	Learners must have gained a volume of qualifications equivalent to five GCSEs at grade A* to C.
Level 1 threshold (L1)	Learners must have gained a volume of qualifications equivalent to five GCSEs at grades D to G.
Core Subject Indicator (CSI)	When a pupil achieved each of English or Welsh, mathematics and science
Capped Points 9 (CP9)	Only includes the best nine results for each pupil from selected qualifications approved for use in Wales at age 16.
A*-C in English or Welsh first language GCSE	A*-C in English or Welsh first language GCSE
A*-C in mathematics/numeracy GCSE	A*-C in mathematics/numeracy GCSE
Level 2 qualification (equivalent to GCSE A*-C) in science	Level 2 qualification (equivalent to GCSE A*-C) in science

4.2 This year it is not possible to meaningfully compare regional or local authority results to previous years. This is due to significant revisions to examinations that means they focus in part on different skill sets and knowledge than in previous years. Despite this the region is already working with schools to track individual pupil performance over time. This will mean that school leaders and our local authorities are well positioned to gauge where schools are progressing well or where they may need additional support.

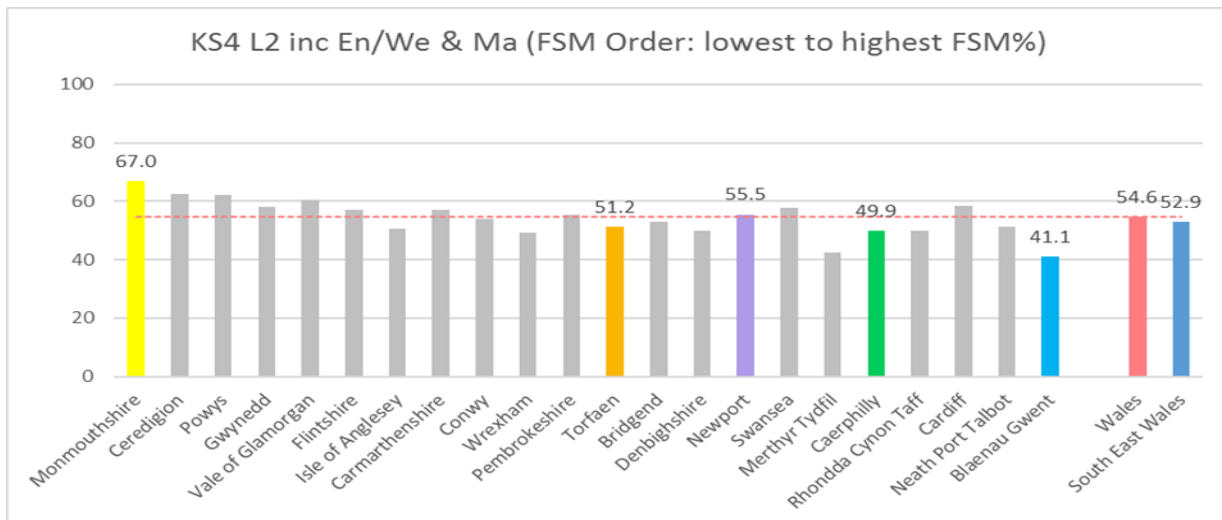
4.3 Communications from the examination awarding body and the regulator throughout this academic year indicated that this variability was to be expected, and this is reflected in regional results. As in previous years we have been talking to post-16 providers to ensure that no learner is disadvantaged and that they are provided with appropriate pathways following results.

4.4 Cohort Sizes

Cohort sizes (2017)	Number of pupils
All Pupils	1,966
Welsh Medium	201

4.5 Level 2 threshold inclusive of English/Welsh and Maths

The proportion of pupils achieving the Level 2 threshold inclusive of English/Welsh first language and mathematics is now 49.9%. Last year performance at this measure was 53.0%, so there has been a drop of 3.1pp. Across Wales performance fell by 5.6pp to 54.6%.



4.6 Performance against Targets

Schools set statutory targets in the Autumn term each year. During the year secondary schools report the progress they believe learners are making towards achieving target on 3 occasions. The last collection is in June. When comparing results against June predictions, out of the 13 secondary schools in Caerphilly, four schools performed in line or above prediction, two reported performance more than 10 percentage points (pp) below June prediction. Six schools reported performance within 5 pp of their June estimates (46%).

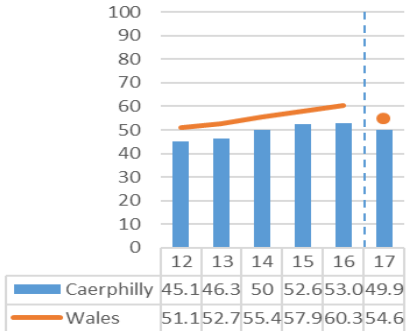
4.7 Free School Meals (FSM) Pupils - L2 inclusive threshold performance

4.8 L2 inclusive threshold performance of FSM pupils in 2017 has declined by 5.6 pp to 24.5%. The FSM/non FSM gap has widened by 0.8 pp. In comparison, the national FSM average declined by 7 pp from 35.6% to 28.6%, and the gap has also widened, so Caerphilly FSM gap is narrower than across Wales.

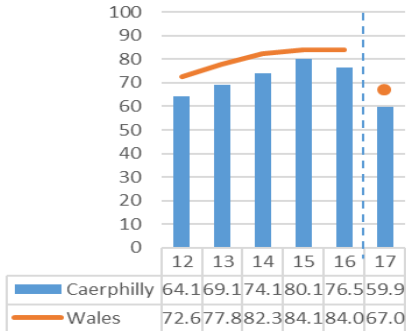
4.9 There were 4 schools with improved FSM performance this year.

4.10 There were declines at all indicators except for 5A*/As. All indicators are still below the Wales average.

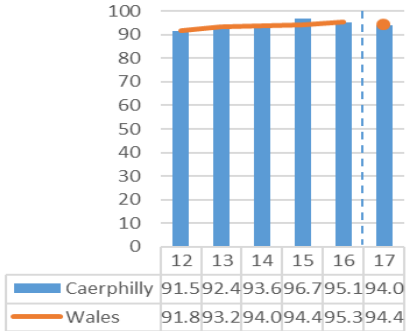
Level 2 incl.



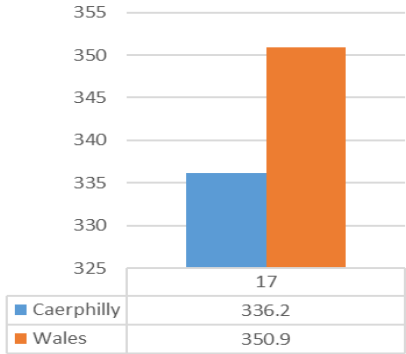
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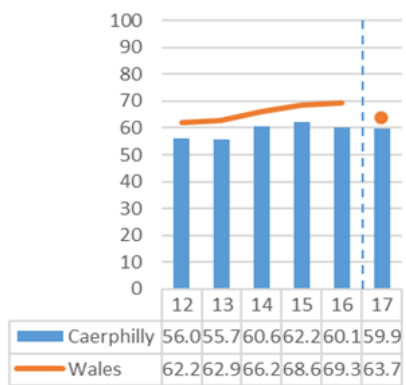
Level 1



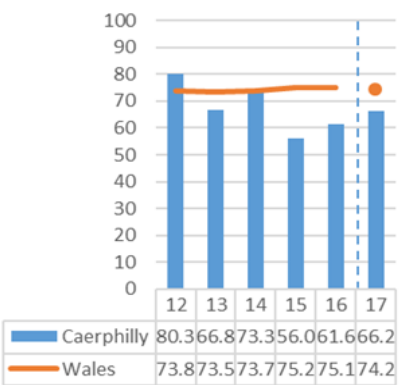
Capped Point 9



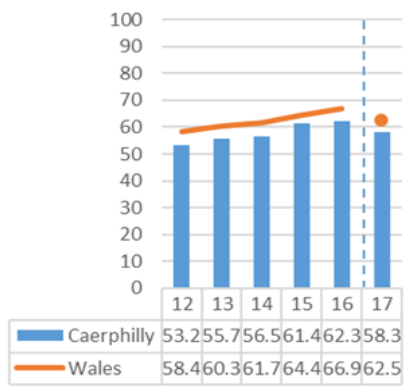
English (A*-C)



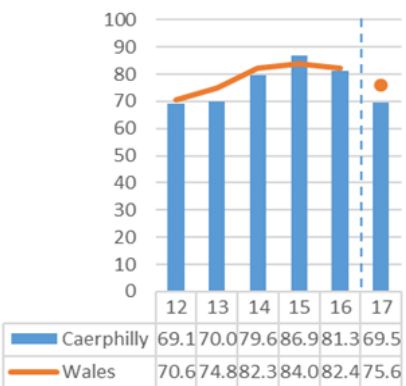
Welsh (A*-C)

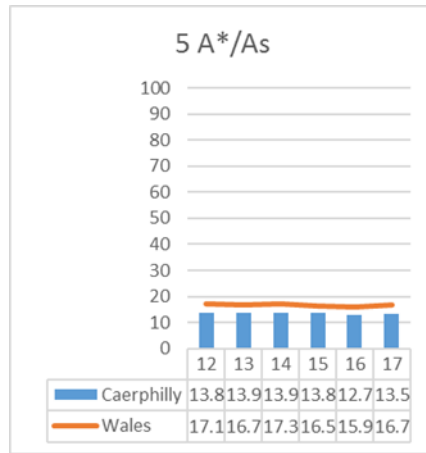


Mathematics (A*-C)



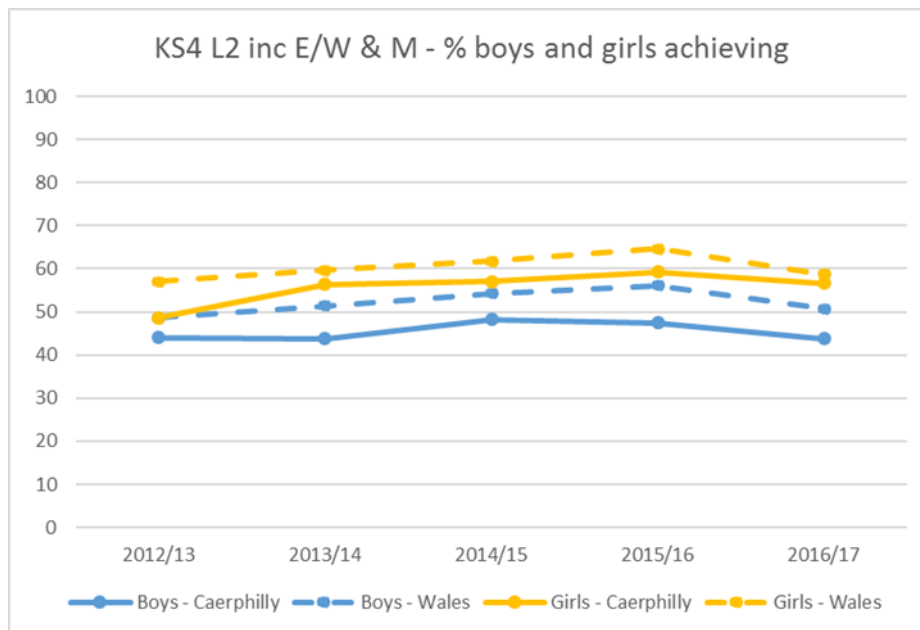
Science (A*-C)





4.11 Gender Differences

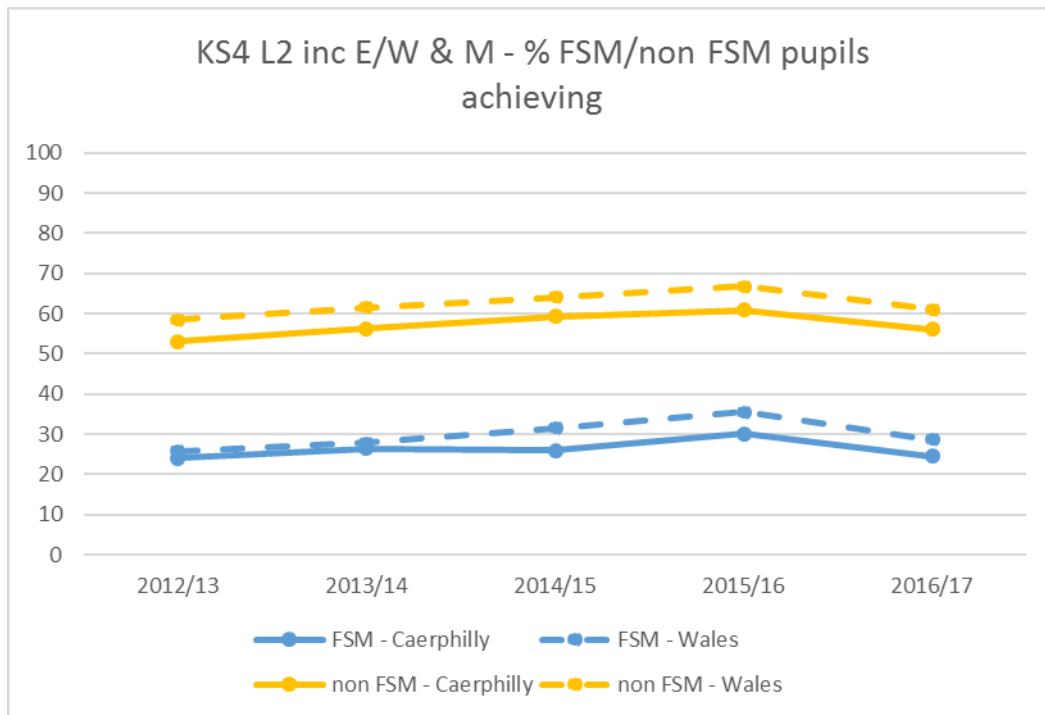
The gender gap in Caerphilly has fluctuated over the past 5 years, and for the Level 2 threshold inclusive of English/Welsh first language and mathematics is now 12.8 percentage points, an increase from 11.8 percentage points in 2016, and remains above the Wales average of 8.1 percentage points. Performance of both boys and girls declined from 2016, but boys declined by more than girls.



KS4 L2 inc E/W & M (% achieving)	2012/13	2013/14	2014/15	2015/16	2016/17
Boys - Caerphilly	44.1	43.8	48.2	47.5	43.8
Boys - Wales	48.7	51.4	54.3	56.1	50.7
Girls - Caerphilly	48.6	56.4	57.0	59.3	56.6
Girls - Wales	57.0	59.7	61.8	64.7	58.8
Difference (boys% - girls%) - Caerphilly	-4.5	-12.6	-8.8	-11.8	-12.8
Difference (boys% - girls%) - Wales	-8.3	-8.3	-7.5	-8.6	-8.1

4.12 Performance of eFSM / non-eFSM Pupils

The FSM/non FSM gap widened in 2017 for the Level 2 threshold inclusive of English/Welsh first language and mathematics from a 30.8pp gap in 2016 to a 31.6pp gap in 2016, which is below the Wales average of 32.4pp. The gap is still wider than it was in 2013 & 2014.



KS4 L2 inc E/W & M (% achieving)	2012/13	2013/14	2014/15	2015/16	2016/17
FSM - Caerphilly	24.1	26.5	25.9	30.1	24.5
FSM - Wales	25.8	27.8	31.6	35.6	28.6
non FSM - Caerphilly	53.0	56.3	59.3	60.9	56.1
non FSM - Wales	58.5	61.6	64.1	66.8	61.0
Difference (FSM% -non FSM%) - Caerphilly	-28.9	-29.8	-33.4	-30.8	-31.6
Difference (FSM% -non FSM%) - Wales	-32.7	-33.8	-32.5	-31.2	-32.4

NB: FSM figures for LAs may differ slightly from final published Welsh Government figures. This is because any FSM pupil movement from outside the region after PLASC will register FSM against that pupil in Welsh Government figures, but not in the figures generated below as we would not have this data in the region.

4.13 LA Rankings

Caerphilly's performance improved at L2 inc threshold, and in English, Welsh and maths.

	L2 inclusive	L2	L1	Capped Point 9	English	Welsh	Maths	Science
2017	18	20	15	17	17	16 (out of 18)	18	18
2016	21	19	14		21	18 (out of 18)	20	16

L2 inc Eng/Wel & Mat		Level 2 Threshold		Level 1 Threshold		Capped Points 9 Score	
Monmouthshire	67.0	Ceredigion	78.5	Carmarthenshire	97.7	Ceredigion	380.1
Ceredigion	62.4	Monmouthshire	77.3	Gwynedd	97.3	Vale of Glamorgan	374.3
Powys	62.2	Powys	74.3	Powys	96.4	Monmouthshire	368.1
Vale of Glamorgan	60.4	Vale of Glamorgan	73.8	Conwy	96.0	Powys	365.8
Cardiff	58.5	Carmarthenshire	72.6	Ceredigion	95.9	Gwynedd	365.8
Gwynedd	58.1	Gwynedd	70.0	Vale of Glamorgan	95.9	Swansea	361.1
Swansea	57.8	Cardiff	69.9	Swansea	95.4	Carmarthenshire	360.8
Carmarthenshire	57.2	Swansea	69.7	Isle of Anglesey	95.4	Cardiff	360.7
Flintshire	57.0	Bridgend	67.9	Merthyr Tydfil	95.0	Bridgend	356.9
Newport	55.5	Wales	67.0	Rhondda Cynon Taff	94.7	Conwy	351.0
Pembrokeshire	55.3	Conwy	66.8	Pembrokeshire	94.7	Wales	350.9
Wales	54.6	Pembrokeshire	66.0	Flintshire	94.6	Flintshire	346.8
Conwy	53.8	Flintshire	65.8	Wales	94.4	Rhondda Cynon Taff	346.1
Bridgend	53.0	Newport	65.3	Bridgend	94.1	Newport	345.0
South East Wales	52.9	Neath Port Talbot	65.2	Monmouthshire	94.1	Torfaen	341.9
Neath Port Talbot	51.4	Isle of Anglesey	64.5	Caerphilly	94.0	South East Wales	341.9
Torfaen	51.2	South East Wales	63.7	Wrexham	93.8	Pembrokeshire	340.4
Isle of Anglesey	50.5	Denbighshire	63.6	Neath Port Talbot	93.5	Neath Port Talbot	339.5
Denbighshire	50.0	Rhondda Cynon Taff	63.2	South East Wales	93.3	Caerphilly	336.2
Caerphilly	49.9	Torfaen	61.6	Cardiff	93.2	Isle of Anglesey	335.9
Rhondda Cynon Taff	49.8	Wrexham	60.4	Blaenau Gwent	92.8	Wrexham	335.6
Wrexham	49.3	Caerphilly	59.9	Torfaen	92.8	Denbighshire	333.9
Merthyr Tydfil	42.4	Blaenau Gwent	59.2	Newport	92.6	Merthyr Tydfil	326.8
Blaenau Gwent	41.1	Merthyr Tydfil	58.8	Denbighshire	90.2	Blaenau Gwent	320.4
A* - C English Language		A* - C Welsh 1st language		A* - C best of maths		L2 science	
Monmouthshire	74.6	Swansea	86.4	Monmouthshire	74.8	Vale of Glamorgan	90.0
Powys	73.2	Bridgend	83.8	Ceredigion	69.8	Ceredigion	86.9
Ceredigion	69.2	Cardiff	83.3	Powys	68.1	Cardiff	81.4
Vale of Glamorgan	69.2	Pembrokeshire	81.3	Flintshire	67.5	Flintshire	80.0
Carmarthenshire	68.6	Vale of Glamorgan	79.3	Vale of Glamorgan	67.3	Carmarthenshire	78.9
Swansea	66.7	Denbighshire	79.3	Cardiff	65.5	Rhondda Cynon Taff	78.6
Flintshire	66.5	Ceredigion	78.8	Swansea	65.0	Conwy	78.3
Cardiff	66.2	Rhondda Cynon Taff	74.7	Newport	64.3	Monmouthshire	78.1
Pembrokeshire	65.6	Wales	74.2	Carmarthenshire	64.2	Powys	76.9
Conwy	64.0	Torfaen	73.6	Gwynedd	62.9	Bridgend	75.7
Wales	63.7	Carmarthenshire	72.5	Pembrokeshire	62.7	Wales	75.6
Gwynedd	63.5	Neath Port Talbot	72.1	Wales	62.5	Swansea	75.6
Newport	62.9	Gwynedd	72.1	Conwy	62.2	Newport	74.2
Neath Port Talbot	62.7	Flintshire	71.9	South East Wales	61.5	Wrexham	73.6
South East Wales	62.3	Powys	71.1	Bridgend	61.2	Torfaen	72.8
Torfaen	61.8	Conwy	69.9	Torfaen	60.1	Gwynedd	72.8
Bridgend	61.5	South East Wales	68.9	Neath Port Talbot	59.4	Isle of Anglesey	72.3
Isle of Anglesey	60.0	Caerphilly	66.2	Rhondda Cynon Taff	59.3	South East Wales	72.0
Caerphilly	59.9	Isle of Anglesey	65.0	Denbighshire	58.4	Merthyr Tydfil	69.7
Denbighshire	59.2	Wrexham	60.2	Caerphilly	58.3	Caerphilly	69.5
Wrexham	57.9	Monmouthshire	-	Isle of Anglesey	58.0	Neath Port Talbot	67.1
Rhondda Cynon Taff	56.4	Newport	-	Wrexham	56.2	Denbighshire	66.8
Merthyr Tydfil	54.9	Blaenau Gwent	-	Blaenau Gwent	50.2	Blaenau Gwent	65.1
Blaenau Gwent	54.7	Merthyr Tydfil	-	Merthyr Tydfil	49.4	Pembrokeshire	64.9

4.14 Individual Schools

The table below presents the individual schools' data in order of Free School Meal eligibility (lowest to highest).

The benchmark quarter that the school was placed in for each indicator is colour coded. 1 – Dark Green, 2 – Light Green, 3- Amber, 4 – Red.

School	% L2 E,W+M			% L2			% L1			Capped Point 9	
	2015	2016	2017	2015	2016	2017	2015	2016	2017		2017
Ysgol Gyfun Cwm Rhymni	53.5	62.0	52.5	88.6	69.7	57.8	99.1	96.2	98.5		344.1
Newbridge School	64.6	60.6	58.0	93.3	93.9	68.4	100.0	97.5	98.3		386.4
St Martin's School	52.3	64.2	65.2	73.6	92.0	74.5	92.5	99.3	95.7		366.6
Islwyn High		51.1	45.1		83.4	48.9		95.5	91.8		307.1
Blackwood Comprehensive School	59.8	57.9	51.1	77.2	73.1	61.1	98.9	97.5	93.2		334.7
Lewis Girls' Comprehensive School	54.3	54.5	56.0	81.4	83.3	68.8	97.7	97.0	98.4		355.7
Lewis School Pengam	57.8	58.5	36.6	97.4	93.2	51.1	100.0	96.6	88.5		335.8
Bedwas High School	35.0	51.0	54.7	65.8	88.2	66.7	91.5	98.0	96.6		356.6
Cwmcarn High School	55.9	55.2	57.6	82.9	80.0	66.3	99.1	97.1	96.7		340.0
Heolddu Comprehensive School	48.9	44.3	40.4	64.9	58.2	55.3	96.8	99.2	97.4		324.9
St Cenydd School	50.0	41.9	45.5	72.7	68.8	58.8	97.1	94.6	95.2		323.3
Risca Community Comprehensive	44.0	56.8	53.0	72.0	75.7	62.1	96.0	97.3	97.0		346.5
Rhymney Comprehensive School, Caerphilly	42.9	49.6	44.3	80.0	66.9	56.4	99.3	99.2	89.9		310.8
Wales	57.9	60.3	54.6	84.1	84.0	67.0	94.4	95.3	94.4		350.9

School	English (A*-C)			Welsh (A*-C)			Maths (A*-C)			% L2 Science		
	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
Ysgol Gyfun Cwm Rhymni	61.8	62.8	71.1	56.0	61.6	66.2	58.8	72.2	56.9	96.5	65.4	73.5
Newbridge School	68.2	68.2	66.7				76.4	70.7	67.8	92.3	92.9	94.8
St Martin's School	63.8	70.1	67.1				61.5	73.7	74.5	85.1	93.4	88.8
Islwyn High		49.3	51.1					62.3	54.9		85.7	55.4
Blackwood Comprehensive School	74.5	70.1	60.5				63.0	61.4	60.5	87.5	75.6	64.7
Lewis Girls' Comprehensive School	66.7	70.5	69.6				61.2	55.3	60.0	85.3	87.9	73.6
Lewis School Pengam	62.9	58.5	42.0				68.1	73.5	51.9	96.6	90.5	47.3
Bedwas High School	37.6	53.9	66.7				51.3	70.6	62.4	76.1	81.4	76.1
Cwmcarn High School	73.0	67.6	69.6				61.3	61.9	64.1	97.3	98.1	48.9
Heolddu Comprehensive School	55.3	52.5	56.1				54.3	52.5	50.9	98.9	91.0	59.6
St Cenydd School	58.1	49.5	58.8				58.7	52.2	54.0	68.6	73.1	82.9
Risca Community Comprehensive	70.7	71.6	66.7				48.0	64.9	56.1	72.0	86.5	48.5
Rhymney Comprehensive School, Caerphilly	58.6	55.1	47.7				57.9	58.3	52.3	84.3	85.8	76.5
Wales	68.6	69.3	63.7	75.2	75.1	74.2	64.4	66.9	62.5	84.0	82.4	75.6

4.15 Free School Meal Benchmark Summary

When FSM benchmark data is used to compare the performance of similar schools, the number of Caerphilly schools above the median has increased for all indicators and subjects except Welsh 1st language and science. There is only one Welsh medium secondary school, and performance has been in quarter 4 in each of the past 3 years. The number of schools in the bottom quarter has increased for science.



Individual school benchmark performance is presented in Appendix A.

4.16 Welsh Government Modelled Expectation

Caerphilly exceeded the LA benchmarks for performance modelled on FSM entitlement and actual performance at the Level 2 threshold including English/Welsh and mathematics. For capped point 9 Caerphilly narrowed the gap to 4.1 points below the expected achievement.

		2012	2013	2014	2015	2016	2017
Level 2 threshold including English/Welsh and maths	Actual	45	46	50.2	52.8	54.7	50.5
	Target	44	46	49.5	53.2	56.8	49.6
	Difference	1	0	0.7	-0.4	-2.1	0.9
Capped Average Wider Point Score (Capped 9 in 2017)	Actual	313	320	327.7	341.9	334.5	339.5
	Target	316	329	340.7	345.7	347.8	343.6
	Difference	-3	-9	-13	-3.8	-13.3	-4.1

4.17 LA – Key Stage 5 (Age Range 16-18) (Caerphilly LA Schools only)

Performance Data

Note: Welsh Government are considering new performance measures for future years, which have yet to be decided

Percentage of students achieving the level 3 threshold (a volume of qualifications at Level 3 equivalent to the volume of 2 A levels at grades A*-E)				
	2016	2017 Results Day	2017 Final SSSPs	Difference from 2016
Caerphilly	97.1	96.8	96.6	-0.5 ▼
South East Wales	97.9	97.2	96.4	-1.5 ▼
Wales	98.0		97.1	-0.9 ▼

Cohort size 2016 = 593, Cohort size 2017 = 440

- When vocational qualifications are taken into account and the Welsh Government's main indicator of post-16 performance, the Level 3 threshold, is considered, performance decreased slightly from 97.1% to 96.6%.
- This 0.5pp decrease is narrower than the 1.5pp decrease across the EAS region, and 0.9pp across Wales.

5. WELL-BEING OF FUTURE GENERATIONS

- 5.1 This report content (Education attainment) contributes to the Well being Goals as noted and explained in 3.1.
- 5.2 This report is for information only and so does not analyse the 5 ways of working in terms of decision making but it does recognise that going forward interventions that are put in place to improve attainment must take a **long term** view as part of its impact on life chances, employment and quality of life. One of the principles of the 5 ways of working is to look at how we can **prevent** problems occurring and to do this we need to understand what the causes are. Causes within attainment are complex although one of the main ones is deprivation. The measure that is commonly used to measure deprivation is a pupil's eligibility to receive Free School Meals. The data provides an insight into the performance of all pupils in comparison to the pupils in receipt of Free School Meals and the gap in performance increases throughout school life (para 4.7). One of the Council's Well-being Objectives is to 'Improve outcomes for all learners but we want to particularly focus on those vulnerable to underachievement. We have an action plan to achieve this and it we will **involve and collaborate** with a range of partners such as schools, parents, governors and children to raise aspiration and attainment.

6. EQUALITIES IMPLICATIONS

- 6.1 There is no specific equalities impact in relation to the content of this report. When performance information is discussed with schools as part of the monitoring, challenge, support and intervention programme, equalities issues, such as gender and ethnicity are taken into account. Similarly the Local Authority self-evaluation considers all equalities issues.

7. FINANCIAL IMPLICATIONS

7.1 There are no specific financial implications.

8. PERSONNEL IMPLICATIONS

8.1 There are no specific personnel implications.

9. CONSULTATIONS

9.1 All comments have been reflected in the report.

10. RECOMMENDATIONS

10.1 Members are asked to note and scrutinise the content of the report.

11. REASONS FOR THE RECOMMENDATIONS

11.1 To keep Members informed of standards achieved by Caerphilly learners at, key stage 4 and key stage 5.

12. STATUTORY POWER

- 12.1 Children and Families Measure (Wales) 2010.
- 12.2 Schools Standards and Organisation (Wales) 2013.
- 12.3 Education Act 1996.
- 12.4 Wellbeing of Future Generations (Wales) 2015.
- 12.5 Schools Causing Concern 2013.

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Councillor Philippa Marsden, Cabinet Member, Education & Achievement
Councillor Wynne David, Chair of Education Scrutiny Committee
Councillor Gaynor Oliver, Vice Chair of Education Scrutiny Committee
Paul Warren, Strategic Lead for School Improvement
Lynne Donovan, Acting Head of Human Resources and Organisational Development
Jane Southcombe, Financial Services Manager
Ros Roberts, Performance Manager#

Appendices:

Appendix A Key Stage 4, School Benchmark Quarter Performance