

# Memorandum



To: Board of Trustees, Coeur d'Alene Public Schools  
Dr. Steve Cook, Superintendent

From: Michael S. Nelson

Date: January 30, 2020

Re: ISAT and PSAT Growth; Current Juniors

Per request of Trustee May after the January 6<sup>th</sup>, please find these data for currently enrolled Juniors, showing growth in mathematics through two assessment programs.

## Idaho Standards Achievement Tests (grades 03-08 and 10)

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) enrolled at...

Q: How do students perform on the ISAT based on their attended middle school?

### ENGLISH LANGUAGE ARTS

	n	CMS n	CMS Grade 06 ELA	CMS Grade 07 ELA	CMS Grade 08 ELA	High School Grade 10	CMS 06-08 ELA Growth	CMS 08>HS ELA Growth	LMS n	LMS Grade 06 ELA	LMS Grade 07 ELA	LMS Grade 08 ELA	High School Grade 10	LMS 06-08 ELA Growth	LMS 08>HS ELA Growth	WMS n	WMS Grade 06 ELA	WMS Grade 07 ELA	WMS Grade 08 ELA	High School Grade 10	WMS 06-08 ELA Growth	WMS MS>HS ELA Growth
<b>CHS</b>	191	145	2575	2609	2625	2650	50	25	28	2539	2566	2594	2612	73	18	18	2552	2568	2596	2614	62	18
<b>LCHS</b>	240	10	2541	2596	2608	2615	67	7	74	2525	2555	2585	2595	70	10	156	2555	2567	2590	2595	40	5
<b>VHS</b>	21	4	2513	2540	2539	2561	26	22	8	2480	2474	2488	2513	33	25	9	2446	2469	2482	2451	5	-31

### MATHEMATICS

	n	CMS n	CMS Grade 06 Math	CMS Grade 07 Math	CMS Grade 08 Math	High School Grade 10	CMS 06-08 Math Growth	CMS 08>HS Math Growth	LMS n	LMS Grade 06 Math	LMS Grade 07 Math	LMS Grade 08 Math	High School Grade 10	LMS 06-08 Math Growth	LMS 08>HS Math Growth	WMS n	WMS Grade 06 Math	WMS Grade 07 Math	WMS Grade 08 Math	High School Grade 10	WMS 06-08 Math Growth	WMS MS>HS Math Growth
<b>CHS</b>	194	146	2570	2608	2632	2632	62	0	29	2525	2577	2564	2596	39	32	19	2528	2581	2602	2618	74	16
<b>LCHS</b>	242	10	2534	2616	2612	2560	78	-52	75	2520	2573	2588	2541	68	-47	157	2536	2577	2582	2541	46	-41
<b>VHS</b>	22	4	2509	2503	2511	2530	2	19	9	2452	2463	2480	2472	28	-8	9	2424	2480	2463	2418	39	-45

**ENGLISH LANGUAGE ARTS FROM CANFIELD**

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) Enrolled at:	Canfield <i>n</i>	Canfield Grade 06 ELA	Canfield Grade 07 ELA	Canfield Grade 08 ELA	High School Grade 10	Canfield 06-08 ELA Growth	Canfield 08>HS ELA Growth
<b>Coeur d'Alene High School</b>	145	2575	2609	2625	2650	50	25
<b>Lake City High School</b>	10	2541	2596	2608	2615	67	7
<b>Venture High School</b>	4	2513	2540	2539	2561	26	22

**ENGLISH LANGUAGE ARTS FROM LAKES**

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) Enrolled at:	Lakes <i>n</i>	Lakes Grade 06 ELA	Lakes Grade 07 ELA	Lakes Grade 08 ELA	High School Grade 10	Lakes 06-08 ELA Growth	Lakes 08>HS ELA Growth
<b>Coeur d'Alene High School</b>	28	2539	2566	2594	2612	73	18
<b>Lake City High School</b>	74	2525	2555	2585	2595	70	10
<b>Venture High School</b>	8	2480	2474	2488	2513	33	25

**ENGLISH LANGUAGE ARTS FROM WOODLAND**

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) Enrolled at:	Woodland <i>n</i>	Woodland Grade 06 ELA	Woodland Grade 07 ELA	Woodland Grade 08 ELA	High School Grade 10	Woodland 06-08 ELA Growth	Woodland MS>HS ELA Growth
<b>Coeur d'Alene High School</b>	18	2552	2568	2596	2614	62	18
<b>Lake City High School</b>	156	2555	2567	2590	2595	40	5
<b>Venture High School</b>	9	2446	2469	2482	2451	5	-31

**MATHEMATICS FROM CANFIELD**

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) Enrolled at:	Canfield <i>n</i>	Canfield Grade 06 Math	Canfield Grade 07 Math	Canfield Grade 08 Math	High School Grade 10	Canfield 06-08 Math Growth	Canfield 08>HS Math Growth
<b>Coeur d'Alene High School</b>	146	2570	2608	2632	2632	62	0
<b>Lake City High School</b>	10	2534	2616	2612	2560	78	-52
<b>Venture High School</b>	4	2509	2503	2511	2530	2	19

**MATHEMATICS FROM LAKES**

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) Enrolled at:	Lakes <i>n</i>	Lakes Grade 06 Math	Lakes Grade 07 Math	Lakes Grade 08 Math	High School Grade 10	Lakes 06-08 Math Growth	Lakes 08>HS Math Growth
<b>Coeur d'Alene High School</b>	29	2525	2577	2564	2596	39	32
<b>Lake City High School</b>	75	2520	2573	2588	2541	68	-47
<b>Venture High School</b>	9	2452	2463	2480	2472	28	-8

**MATHEMATICS FROM WOODLAND**

Current Juniors with Four Years of ISAT Results (GR. 06, 07, 08 & 10) Enrolled at:	Woodland <i>n</i>	Woodland Grade 06 Math	Woodland Grade 07 Math	Woodland Grade 08 Math	High School Grade 10	Woodland 06-08 Math Growth	Woodland MS>HS Math Growth
<b>Coeur d'Alene High School</b>	19	2528	2581	2602	2618	74	16
<b>Lake City High School</b>	157	2536	2577	2582	2541	46	-41
<b>Venture High School</b>	9	2424	2480	2463	2418	39	-45

## Preliminary Scholastic Aptitude Tests (grade 09 PSAT 8/9; grades 10-11 PSAT-National Merit Student Qualifying Test)

Q: What is the comparison of students who were enrolled in ALP Geometry in grade 09 in the 2018 school year on the PSAT?

### Growth of Students on PSAT Who Were Enrolled in ALP Geometry [Grade 09 CHS] vs. Non-Enrolled in Same Course/School

Row Labels	<i>n</i>	Average of PSAT 8/9 SY18	Percentage Meeting Math College & Career Readiness Benchmark (450)	Average of PSAT-NMSQT SY19	Percentage Meeting Math College & Career Readiness Benchmark (480)	Average of PSAT-NMSQT SY20	Percentage Meeting Math College & Career Readiness Benchmark (510)
Not Enrolled	613	430.48	66.7%	452.89	71.06%	463.60	77.6%
Enrolled in Course	91	533.75	96.7%	557.05	96.7%	575.39	97.8%
<b>Grand Total</b>	<b>704</b>	<b>444.79</b>	<b>78.9%</b>	<b>466.65</b>	<b>82.8%</b>	<b>477.54</b>	<b>88.8%</b>

Detail:

- Students enrolled in “ALP Geometry” (CHS only) began with a higher mean average on PSAT mathematics than those not enrolled in that particular course from the 2018 school year.
- Students enrolled in “ALP Geometry” (CHS only) have maintained a higher percentage of meeting the College Board’s college and career readiness benchmarks in mathematics than students not enrolled.

Q: What is the difference in PSAT performance over three years based on middle school attended in grade 08?

### Growth of Students on PSAT Based on Middle School Enrollment in Grade 08

Row Labels	<i>n</i>	Average of PSAT 8/9 SY18	Average of PSAT-NMSQT SY19	Average of PSAT-NMSQT SY20	Average Growth 10>11	Average Growth 9>11
#N/A	126	474.16	483.24	495.03	11.78	20.87
CMS	203	460.64	488.42	495.61	7.19	34.97
LMS	136	427.83	441.85	448.02	6.17	20.18
WMS	239	427.62	450.96	462.27	11.32	34.65
<b>Grand Total</b>	<b>704</b>	<b>444.79</b>	<b>466.65</b>	<b>477.54</b>	<b>10.88</b>	<b>32.75</b>