

International Schools Assessment

International Benchmarked Assessments in:

- Mathematical Literacy
- Reading
- Narrative Writing – Writing A
- Expository Writing - Writing B

The charts below show JIS Pattimura Elementary Schools scaled scores in relation to all other schools that took the assessment worldwide and those with a like demographic of language speakers. At the start of our PLC journey these results did not look as strong particularly in Mathematics and non fiction writing. The results below are of the last three years which indicate results far beyond those of nine years ago. The impressive change in these results stem from the deliberate and intentional adherence to the principles of Professional Learning Communities. The last two years has seen JIS embrace a more inclusive culture and as we have expanded our Learning and English as Additional Language services. These students have shown more than a years growth within our programme.

Grade 3 ISA MATH Percentage	Oct. 2010-2011	Oct. 2011-2012	Oct. 2012-2013	Feb. 2013-2014
Emerging	12%	4.5%	9.1%	9.8%
Approaching	20%	4.5%	33.3%	24.4%
Proficient	48%	63.6%	39.4%	36.6%
Advance	16%	22.7%	18.2%	17.1%
High Advance	4%	4.5%	0%	12.2%

Grade 4 ISA MATH Percentage	Oct. 2012-2013	Feb. 2013-2014
Emerging	0%	13%
Approaching	29.2%	26.1%
Proficient	45.8%	41.3%
Advance	12.5%	15.2%
High Advance	12.5%	4.3%

Grade 4 included in testing regime Oct 2012.

Grade 5 ISA MATH Percentage	Oct. 2010-2011	Oct. 2011-2012	Oct. 2012-2013	Feb. 2013-2014
Emerging	5.3%	15.4%	5.6%	0%
Approaching	26.3%	11.5%	27.8%	38.9%
Proficient	21.1%	42.3%	44.4%	30.6%
Advance	36.8%	30.8%	16.7%	25%
High Advance	10.5%	0%	5.6%	5.6%

By comparing scaled scores, JIS Pattimura on the whole scores significantly higher than our norm reference group of schools including those with a similar demographic as JIS and all other schools involved in the assessment globally. A scaled score of 500 is equivalent to a scaled score of 500 in the PISA 15 year olds for Mathematics and Reading.

ISA SY 11-12		JIS Pattimura Elementary Mean	All Other Schools	Like Schools
Grade 3	Math	334	296	298
	Reading	282	247	254
	Writing A	387	361	360
	Writing B	383	383	383
Grade 5	Math	455	422	430
	Reading	423	387	399
	Writing A	464	454	459
	Writing B	482	461	462
ISA SY 12-13		JIS Pattimura Elementary Mean	All Other Schools	Like Schools
Grade 3	Math	336	321	320
	Reading	284	258	262
	Writing A	365	362	361
	Writing B	397	388	389
Grade 4	Math	407	378	368
	Reading	361	323	316
	Writing A	426	410	408
	Writing B	449	427	425
Grade 5	Math	445	428	422
	Reading	373	364	365
	Writing A	469	457	460
	Writing B	474	468	468

ISA SY 13-14		JIS Pattimura Elementary Mean	All Other Schools	Like Schools
Grade 3	Math	345	311	307
	Reading	330	265	286
	Writing A	404	378	383
	Writing B	432	409	414
Grade 4	Math	415	373	383
	Reading	364	317	344
	Writing A	455	412	427
	Writing B	471	445	449
Grade 5	Math	469	431	441
	Reading	416	360	376
	Writing A	498	460	473
	Writing B	522	487	494

Everyday Mathematics End of Year Assessment

EDM	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
End of Year 2011-2012	94%	84%	88%	85%	90%
End of Year 2012-2013	94%	80%	85%	86%	79%
End of Year 2013-2014	93%	79%	86%	82%	*N/A

***Grade 5 EOY Assessment was substituted for a context / problem based assessment outside the Everyday Mathematics programme.**

Measures of Academic Proficiency

- Mathematics
- Reading

As our school achieves consistently highly in these the breakdown of proficiency are disaggregated by percentile bands to illustrate the achievement areas of our students:

Low	<21%tile
Low - Average	21-40%tile
Average	41-60%tile
High - Average	61-80%tile
High	=>80%tile

Grade 3

MAP FALL_SY 2013-2014		
Grade 3	Math	Reading
Lo %ile < 21	0	8.3
LoAvg %ile 21-40	10	8.3
Avg %ile 41-60	18.3	18.3
HiAvg %ile 61-80	25	28.3
Hi %ile > 80	43	36.7

MAP SPRING_SY 2013-2014		
Grade 3	Math	Reading
Lo %ile < 21	0	7
LoAvg %ile 21-40	7.1	15.8
Avg %ile 41-60	17.9	28.1
HiAvg %ile 61-80	33.9	22.8
Hi %ile > 80	37.5	26.3

MAP FALL_SY 2014-2015		
Grade 3	Math	Reading
Lo %ile < 21	0	5.4
LoAvg %ile 21-40	20	7.3
Avg %ile 41-60	10.9	18.2
HiAvg %ile 61-80	30.9	29.1
Hi %ile > 80	38.2	40

Grade 4

MAP FALL_SY 2013-2014		
Grade 4	Math	Reading
Lo %ile < 21	1.7	6.9
LoAvg %ile 21-40	8.6	6.9
Avg %ile 41-60	13.8	19
HiAvg %ile 61-80	34.5	39.7
Hi %ile > 80	41.4	27.6

MAP SPRING_SY 2013-2014		
Grade 4	Math	Reading
Lo %ile < 21	1.6	4.9
LoAvg %ile 21-40	6.6	8.2
Avg %ile 41-60	14.8	26.2
HiAvg %ile 61-80	26.2	36.1
Hi %ile > 80	50.8	24.6

MAP FALL_SY 2014-2015		
Grade 4	Math	Reading
Lo %ile < 21	6.9	11.3
LoAvg %ile 21-40	1.8	9.4
Avg %ile 41-60	13.8	17
HiAvg %ile 61-80	17.2	20.8
Hi %ile > 80	60.3	41.5

Grade 5

MAP FALL_SY 2013-2014		
Grade 5	Math	Reading
Lo %ile < 21	1.6	1.7
LoAvg %ile 21-40	6.7	10
Avg %ile 41-60	11.7	16.7
HiAvg %ile 61-80	23.3	43.3
Hi %ile > 80	56.7	28.3

MAP SPRING_SY 2013-2014		
Grade 5	Math	Reading
Lo %ile < 21	1.6	0
LoAvg %ile 21-40	4.8	9.7
Avg %ile 41-60	16.1	27.4
HiAvg %ile 61-80	21	38.7
Hi %ile > 80	56.5	24.2

MAP FALL_SY 2014-2015		
Grade 5	Math	Reading
Lo %ile < 21	3.5	8.8
LoAvg %ile 21-40	8.8	5.3
Avg %ile 41-60	15.8	22.8
HiAvg %ile 61-80	33.3	40.4
Hi %ile > 80	38.6	22.8

The tables below show JIS PEL Grade Level Mean RIT score against the International Norms for the Map assessment.
The RIT score difference is significant .

MAP MATH	Gr3_Grade Level Mean	Int'l Norm	Gr4_Grade Level Mean	Int'l Norm	Gr5_Grade Level Mean	Int'l Norm
SPRING 2010-2011	211	203	229	212	236	220
SPRING 2011-2012	212	203	224	212	238	220
SPRING 2012-2013	210	203	228	212	234	220
SPRING 2013-2014	212	203	225	212	236	220
MAP READING	Gr3_Grade Level Mean	Int'l Norm	Gr4_Grade Level Mean	Int'l Norm	Gr5_Grade Level Mean	Int'l Norm
SPRING 2010-2011	202	198	212	205	218	211
SPRING 2011-2012	206	198	210	205	217	211
SPRING 2012-2013	204	198	215	205	215	211
SPRING 2013-2014	204	198	212	205	220	211

Diagnostic Reading Assessment: DRA

Grade 1_DRA End of Year Percentage	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Area of Concern w/o Special Services	0%	0%	0%	0%	0%	0%
Area of Concern w/ Special Services	6%	0%	0%	5%	8%	3%
Approaching	25%	11%	4%	11%	11%	11%
Meets	33%	34%	40%	37%	33%	39%
Exceeds	36%	55%	56%	47%	48%	47%

Grade 2_DRA End of Year Percentage	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Area of Concern w/o Special Services	2%	2%	2%	0%	2%	0%
Area of Concern w/ Special Services	4%	7%	0%	0%	4%	5%
Approaching	22%	37%	17%	21%	11%	9%
Meets	37%	35%	39%	39%	33%	39%
Exceeds	35%	19%	42%	40%	50%	47%

Grade 3_DRA End of Year Percentage	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Area of Concern w/o Special Services	2%	2%	0%	0%	0%	2%
Area of Concern w/ Special Services	11%	0%	9%	0%	0%	8%
Approaching	32%	26%	28%	18%	15%	14%
Meets	20%	33%	41%	53%	49%	47%
Exceeds	35%	39%	22%	29%	36%	29%

Grade 4_DRA End of Year Percentage	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Area of Concern w/o Special Services	12%	12%	17%	5%	8%	7%
Area of Concern w/ Special Services	18%	21%	8%	11%	2%	8%
Approaching	2%	0%	0%	0%	0%	0%
Meets	65%	43%	45%	61%	52%	62%
Exceeds	3%	24%	30%	23%	38%	23%

Grade 5_DRA End of Year Percentage	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Area of Concern w/o Special Services	1%	5%	4%	2%	8%	0%
Area of Concern w/ Special Services	5%	4%	3%	3%	2%	6%
Approaching	6%	2%	0%	0%	0%	0%
Meets	39%	45%	23%	40%	52%	29%
Exceeds	49%	44%	70%	55%	38%	65%

