Kormilda College

NAPLAN 2015 ANALYSIS
for Years 3, 5, 7 and 9.

Kormilda College participated in the National Assessment Plan – Literacy and Numeracy (NAPLAN) tests for Years 3, 5, 7 and 9 in May 2015. I am pleased to announce that, on average, 95.13% of our mainstream students performed AT or ABOVE the National Minimum Standard.

As with all of the data we gather as part of our Data Driven School Improvement Program, this data is analysed in great detail to assist in determining year level, school and individual goals, review textbook and learning resources. The need for specific learning support or extension required by an individual or group of students is determined as well.

The National Assessment Program scale maps student outcomes on a ten-band continuum an defines a national minimum standard for each level:

- For Year 3, the National Minimum Standard lies within Band 2
- For Year 5, the National Minimum Standard lies within Band 4
- For Year 7, the National Minimum Standard lies within Band 5
- For Year 9, the National Minimum Standard lies within Band 6

Our aim is to extend and support our students to learn at a level above the National Minimum Standard (NMS) and to be competitive at an international level (as demonstrated on Federal government international assessments such as PISA)

We also use the data to track student progress over the last two years since the last NAPLAN assessment. It is expected that with the Primary School now part of Kormilda College that we can analyse how our new students are progressing compared to continuing students. In this way we can manage the smooth transition across the school of all of our students and identify academic adjustments as they are needed.

In 2015 Kormilda College had 178 students complete the 2015 NAPLAN assessments. 24% of Year 7 students and 40% of Year 9 students identified as Aboriginal or Torres Strait Islanders. Only two mainstream students were withdrawn from sitting the tests by their parents.

ATSI students	Year 3	Year 5	Year 7	Year 9
ATSI students	1	1	18	35
Total students	9	18	74	87
ATSI as % of total	0.1%	0.05%	24%	40%

Breakdown of student participation per year level (first year of Primary School operation):

Year 3	8 students
Year 5	16 students
Year 7	70 students
Year 9	84 students

Summary of students achieving **at or above** National Minimum Standard: mainstream only in (red).

Students AT or ABOVE NMS 2015	**Year 3 8 students**	**Year 5 16 students**	**Year 7 70 students**	**Year 9 84 students**
Reading	85.72%	100%	82.34% ALL (97.9%)	69.87% ALL (95.66%)
Writing	100%	93.75%	78.26% ALL (92.75)	53.17% ALL (82.6%)
Spelling	100%	100%	77.63% ALL (91.67%)	62.5% ALL (91.48%)
Grammar & Punctuation	100%	93.75%	79.71% ALL (95.82)	65% ALL (90.48%)
Numeracy	100%	100%	88.06 ALL (95.91%)	8.42% ALL (100%)

( ) indicates only mainstream students, not Intensive English Indigenous students.

It is to be considered that these students all came from different schools to enter Kormilda College Primary School in January 2015. It will be an interesting exercise to see how they progress in two years when they next sit a NAPLAN test.

We are very proud of the results our students have achieved in the NAPLAN 2015 Program with on average, 95.13% of our mainstream students achieving at or above the National Minimum Standard for literacy and numeracy across all levels. We are pleased with this data indicating that our students are significantly above the Australian schools' average. However we do believe that our students have the capacity to further improve in some areas and so these will now be identified:

The following is an initial analysis of the data:

1 The **mainstream** students in Years 3, 5, 7 and 9 were well above the NT and, in most cases, the National Mean. The Intensive English Indigenous students are in (red).

Year 3 8 students	Reading	Writing	Spelling	Grammar & Punctuation	Numeracy
School Mean	**407.0**	**386.34**	**375.53**	**392.2**	**367.0**
National Mean	425.8	416.3	409.2	432.7	397.8
National Difference	***-18.8***	***-29.96***	***-33.67***	***-40.5***	***-30.8***
State Mean	335.9	326.5	324.5	334.9	332.1
Difference	***71.1***	***59.84***	***51.03***	***57.3***	***34.9***

Year 3 students had only been in Kormilda College for 3.5 months. Plus total number very small.

Year 5 16 students	Reading	Writing	Spelling	Grammar & Punctuation	Numeracy
School Mean	**504.92**	**494.84**	**481.8**	**511.84**	**496.36**
National Mean	498.2	478.1	498.1	503.8	492.3
National Difference	***6.72***	***16.74***	***-16.3***	***8.04***	***4.06***
State Mean	424.9	384.8	417.4	415.2	429.2
Difference	***80.02***	***110.04***	***64.4***	***96.64***	***67.16***

Year 7 70 students	Reading	Writing	Spelling	Grammar & Punctuation	Numeracy
School Mean	**580.55** **(275.78)**	**538.10** **(117.34)**	**549.42** **(333.6)**	**571.62** **(269.18)**	**551.03** **(364.89)**
National Mean	545.9	510.5	546.4	541.3	542.6
National Difference	***34.65*** ***(-270.12)***	***27.6*** ***(-393.16)***	***3.02*** ***(-212.8)***	***30.32*** ***(-272.12)***	***8.43*** ***(-177.71)***
State Mean	481.3	407.4	460.2	453.3	481.6
Difference	***99.25*** ***(-205.52)***	***130.70*** ***(-290.06)***	***89.22*** ***(-126.6)***	***118.32*** ***(-184.12)***	***69.43*** ***(-116.71)***

Year 9 84 students	Reading	Writing	Spelling	Grammar & Punctuation	Numeracy
School Mean	**592.63** **(364.12)**	**551.21** **(193.34)**	**586.3** **(409.63)**	**582.06** **(334.79)**	**604.10** **(467.55)**
National Mean	580.4	546.2	583.3	567.7	591.7
National Difference	***12.23*** ***(-216.28)***	***5.01*** ***(-352.86)***	***3*** ***(-173.67)***	***14.36*** ***(-232.91)***	***12.4*** ***(-124.15)***
State Mean	519.2	437.6	506.4	491.2	538
Difference	***73.43*** ***(-155.08)***	***113.61*** ***(-244.26)***	***79.9*** ***(-96.77)***	***90.86*** ***(-156.41)***	***66.10*** ***(-70.45)***

The mainstream classes: overall comment

Reading – students in mainstream are performing above the national average in reading except in Year 3. This group had only been in the college for three months. Our goal is to extend our readers analytical skills and develop their responses to texts. With our Indigenous students in Years 7 and 9, an improvement is noted from Year 7 (their first year with Kormilda) to Year 9 but the rate is too slow for achievement of NTCET at Year 12 so we have introduced Accelerated Literacy for all IE classes.

Writing - students in mainstream are performing above the national average in writing skills except in Year 3. Our goals include – text structure at sentence, paragraph and whole text level; extended writing techniques and sentence structure. With our Indigenous students in Years 7 and 9, an improvement is noted from Year 7 (their first year with Kormilda) to Year 9 but the rate is too slow for achievement of NTCET at Year 12 so we have introduced Accelerated Literacy for all IE classes.

Spelling – this is an identified area where improvements need to be made across the college. In 2014 a trial was held in Year 10 of strategies to improve spelling in this group. Following on from this success, a roll-out has occurred in 2015 and now 2016 to see if we can improve faster in this area.

Grammar & Punctuation - students in mainstream are performing above the national average in G&P skills except in Year 3. This will be a focus for the Year 4 class in 2016.

Numeracy **-** students in mainstream are performing above the national average in numeracy except in Year 3. The IE students perform best in numeracy.

Targets have been set for all year levels and for some individual students in these year levels. Timelines are set for this year. As NAPLAN is a two yearly program, follow up in-house assessment of students assessed this year will occur to monitor improvement. Competitions and ACER assessments are also utilised to monitor progress of our students.

As an example, in Numeracy: Topics to focus to prepare better for NAPLAN

- Ratio and proportion, scales
- 2D and 3D shapes properties
- Solving and rearranging linear equations (complex, involving fractions)
- Percentages
- Evaluating complex expressions

Analysis has occurred across the year levels and subject areas:

Improving NAPLAN results:

Areas where students performed low in previous two years:

Year 9, 2015

-Identifies an incorrect face on a net

- Interpret information from points on a graph

- Convert rate in metres per second to metres per minute.

- Express a quantity as a percentage

- calculate difference between a negative integer and a positive integer.

- Identify pair of points that form an edge of a prism

- calculate size of an angle in an isosceles triangle

- Interpret a table to solve a multi-step problem

- Identify a 2D shape from list of properties

- Solve a length problem using symmetry

- Simplify algebraic expression involving like terms

- identify equivalent form of a number with negative index

- Solve word problem involving ratios

- Use substitution to solve linear equation

- calculate length from scale drawing

- rearranging linear equation

- identify and continue a number pattern, given a rule

Year 9, 2014

-Divide a 3 digit number by 9 and round or estimate the answer

-Identify congruent triangles formed by the diagonals in a quadrilateral

-Determine where the vertex of a triangle move after folding along a diagonal

-Identify size of an interior angle of an irregular quadrilateral given 3 interior angles

-Selecting expression for washing n cars given the amount for washing a given number

-Solving percentage problem involving increase in time

-Reading and using map scale

-Evaluate a complex arithmetic expression involving Pi and exponent with calculator

-Interpret relationship between pair of variables to predict a value of a new pair given the other value

-Evaluate complex arithmetic expression with calculator

-Solve multistep problem involving a fraction, conversion and numbers to 3 decimal places with - calculator

-Determine normal pay given the total pay including time and a half

-Use geometric properties of two common shapes to identify angle in a compound shap