

# Aviation High

## Queensland State School Reporting

### 2013 School Annual Report



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## Principal's foreword

### Introduction

School motto-'Pursue Excellence'

Aviation High School is committed to providing a safe, respectful and disciplined learning environment for students and staff, where students from years 8 to 12 have opportunities to engage in quality learning experiences and acquire values supportive of their lifelong wellbeing. Opened in 2007, Aviation High School was established to provide direct pathways for students seeking careers in the aviation and aerospace industries in Queensland. The school curriculum at Aviation High was significantly influenced and supported by the aerospace and aviation industries and provided wonderful opportunities for students. The aerospace context has now grown to the extent that the school has structured a new faculty, led by a separate Head of Department, to cater for those students who wish to pursue careers in the industry. With the introduction of the national curriculum, the school is now delivering that same quality education across all Learning Areas to all students, whatever their aspirations.

With close on 400 students, 34 teaching staff and in its eighth year, this quality secondary school is proudly creating traditions of a school of excellence in the academic and aerospace arenas.

We are very proud of our students and their achievements:

- 78% of students – OP 1-15
- 98% students receiving a QCE/OP and or VET qualification
- 92% students receiving a Queensland Certificate of Education

These results are enhanced by our quality Junior Secondary education, indicated by our NAPLAN results being above or similar to the national mean in all areas.

# Queensland State School Reporting

## 2012 School Annual Report



At Aviation High, our unrelenting focus on student learning and improvement will continue in 2014 with three priorities identified and planned for: Literacy and Numeracy; Explicit Teaching – evidence-based teaching strategies; A Culture that promotes High Expectations .

In 2013, Aviation High continued its position as a preferred school for students interested in aerospace and aviation. This has been reflected in the on-going enrolment growth since the school opened in 2007.

This 2013 School Annual Report summarises the school's profile, curriculum offerings, social climate, staffing information, student performance and other key outcomes.

After undergoing significant facility improvements in recent years, Aviation High's main focus in 2013 was on the teaching and learning of students and using the new facilities to enhance those aviation and aerospace activities that make the school unique.

### School progress towards its goals in 2013

From the Key Priorities and Strategic Activities for 2013 outlined in the Aviation High 2013 Short Term Operational Plan, the school has:

- A culture of learning that promotes high expectations
- Embed ACARA (National curriculum) while still maintaining QCAR and promote a new head of department of Aerospace
- Embed the Developing Performance Framework for Aviation High staff
- Embed literacy and numeracy knowledge and skills with an emphasis on improving student NAPLAN outcomes in Reading, Numeracy and Writing in all learning areas
- Implemented the EATSIPS school plan to extend the embedment of Aboriginal and Torres Strait Islander Perspectives into the school

### Future outlook

The Key Priorities and Strategic Activities to be undertaken in 2013 include:

- Implementation of the Art and Science of Teaching (ASOT)
- An explicit teaching agenda based on research ( Fleming model)
- A culture that promotes high expectations in all facets of the school
- Embedding the Australian Curriculum (C2C) for Yr. 8-10 Maths, Science and English and History
- Embedding the Developing Performance Framework for Aviation High school staff
- Embedding literacy and numeracy knowledge and skills with an emphasis on improving student NAPLAN outcomes in Reading, Numeracy and Writing
- Continued implementation of the EATSIPS school plan to extend the embedment of Aboriginal and Torres Strait Islander Perspectives into the school

## School Profile

**Coeducational or single sex:** Coeducational

**Year levels offered in 2013:** Year 8 - Year 12

**Total student enrolments for this school:**

	Total	Girls	Boys	Enrolment Continuity (Feb – Nov)
2011	427	107	320	86%
2012	393	89	304	89%
2013	386	83	303	91%

Student counts are based on the Census (August) enrolment collection.

## Characteristics of the student body:

Aviation High School consists of predominantly single year classes from year 8 to year 12. Students generally stay in the same form throughout their time at Aviation High School and have the same Year Coordinator for multiple years. Continuity of individual teachers depends on teacher movement and timetabling. Many students come to the school predominantly for its Aviation focus and its location. However, the school results indicate that many families locally are coming to the school because the school offers so much more than just aviation. Many Parents are realising that the school has great facilities and the teachers know the students well as a result of a welfare system that develops positive relationships not only in the academic areas, but in the social and cultural areas. Approximately 65% of students live outside of the school's normal catchment area. There have been families that have relocated from other areas within Queensland and interstate specifically for the aviation immersed curriculum opportunities. Student family composition of single-parent, two-parent & lifestyle choice is representative of the broader local community. 3.29% of students at the school are Indigenous students. Previous students graduating from Aviation High have progressed on to a broad range of career paths including university programs; certificate programs at registered training providers and full time employment. Scholarships and direct entry to further education and training providers have been received by Aviation High students. The most common reason for students leaving the school prior to completing their studies is due to the distances travelled from home to school. A variety of transport modes are used by students to attend Aviation High with train and bus travel being the most widely used. Other students travel by car, bike and walking. The Toombul interchange provides close access for both bus and train travel, while the East West Arterial Rd and the nearby Gateway Motorway provide good vehicular access to the school.

## Average Class sizes

Phase	Average Class Size		
	2011	2012	2013
Prep – Year 3			
Year 4 – Year 7 Primary			
Year 7 Secondary – Year 10	24	23	24
Year 11 – Year 12	18	17	16

## School Disciplinary Absences

Disciplinary Absences	Count of Incidents		
	2011	2012	2013
Short Suspensions - 1 to 5 days	90	54	89
Long Suspensions - 6 to 20 days	8	4	15
Exclusions	2	2	1
Cancellations of Enrolment	2	2	2

## Curriculum offerings

Our curriculum offerings in 2013 are the same as every other high school in that we offer the same courses of study that are mandated by the Australian National Curriculum. We do have aviation courses that are second to none as part of our educational philosophy at Aviation High:

Aerospace/aviation context where appropriate and where applicable. More specific subjects included:

- A Course in Aircraft Maintenance Engineering - 4 x 70min periods per week program for Yr. 11 and Yr. 12 students that directly articulates to a Certificate IV in Aero skills (the trade qualification for building and maintaining aircraft) delivered by Aviation High staff under the Registered Training Organisation status of Aviation Australia.
- Aero skills Technology - a practical aerospace related Technology KLA subject for Yrs. 8 to 10
- Aerospace Communications - aimed at improving student literacy for Yrs. 8 and 9
- Manufacturing SAS - Aero skills Studies- an Authority Registered subject for Yr. 11 and 12, which introduces aircraft design, construction and maintenance through model aircraft
- The Authority Senior subject Aerospace Studies which provides a rigorous overview of the broader aerospace and aviation industries.

**Although the school's curriculum has aligned with career paths in the aerospace industry, students can choose not to work in the industry. The opportunity to achieve a Queensland Certificate of Education and experience a broad range of curriculum offerings helps to ensure multiple pathways are available to all students**

Extra curricula activities In 2013, Aviation High students participated in the following extra curricula activities:

- Australian Defence Force Academy Open Day in Canberra
- Work experience for Yrs. 10/11/12 students with major aerospace and aviation companies as part of the Aerospace
- Gateway Schools program
- Air Force Cadets with 220 Squadron based at the school
- The Australian Youth Rocketry Challenge (runners up by Aviation High)
- ARCAA UAV (Unmanned Aerial Vehicle) Challenge at Kingaroy

## Our school at a glance

- The School Band
- Aviation High Open Day - student displays as part of the event
- Charity fundraising activities by the Aviation High Student Council
- Yr. 8 and 12 School Camps
- Chemistry Competitions
- Celebrate Indigenous Day
- 20% of students involved in Maths competitions

### How Information and Communication Technologies are used to assist learning:

Computers are an integral part of the curriculum structure at Aviation High School. Teachers have been provided with professional development training related to the use of Information and Communication Technologies (ICT) in the classroom. Every effort is made to ensure that students and staff have good access to computers and appropriate supporting software across a broad range of subject areas. It is intended that the use of computer technologies be embedded as an integral part of all subject areas

### Social climate

Aviation High School is committed to providing a supportive school environment where all members feel safe and are valued; where social and academic learning outcomes are maximised for all through a quality curriculum, interpersonal relationships and school organisation; where school practices are proactive rather than reactive and where appropriate and non-discriminatory language and behaviours are defined, modelled and reinforced. The Responsible Behaviour Plan for Students is the means by which we ensure this supportive school environment deals with issues of "bullying or harassment".

Our goals are to support students to become 'contributing citizens of this school community'. This support is based upon providing an environment that: is accountable in regard to a focus on the promotion of learning, encourages social participation, and promotes acceptance of diversity.

We aim to develop skills of resilience in students through achievement, becoming part of the school community, finding meaning in difficult situation, expressing feelings appropriately and having at least one adult that they can rely upon. Our pastoral care program consists of support staff (school nurse, chaplain, year level coordinators, guidance officer, deputy principals and heads of departments) who constantly meet the challenges presented through mentoring and guiding our students.

### Parent, student and staff satisfaction with the school

#### Performance measure (Nationally agreed items shown\*)

Percentage of parents/caregivers who agree that:	2012	2013
their child is getting a good education at school (S2016)	93%	94%
this is a good school (S2035)	100%	100%
their child likes being at this school* (S2001)	100%	94%

## Our school at a glance

their child feels safe at this school* (S2002)	100%	94%
their child's learning needs are being met at this school* (S2003)	100%	88%
their child is making good progress at this school* (S2004)	100%	94%
teachers at this school expect their child to do his or her best* (S2005)	93%	100%
teachers at this school provide their child with useful feedback about his or her school work* (S2006)	87%	94%
teachers at this school motivate their child to learn* (S2007)	93%	93%
teachers at this school treat students fairly* (S2008)	93%	86%
they can talk to their child's teachers about their concerns* (S2009)	100%	93%
this school works with them to support their child's learning* (S2010)	93%	93%
this school takes parents' opinions seriously* (S2011)	100%	100%
student behaviour is well managed at this school* (S2012)	100%	93%
this school looks for ways to improve* (S2013)	100%	93%
this school is well maintained* (S2014)	100%	100%

### Performance measure (Nationally agreed items shown\*)

Percentage of students who agree that:	2012	2013
they are getting a good education at school (S2048)	90%	89%
they like being at their school* (S2036)	89%	85%
they feel safe at their school* (S2037)	91%	88%
their teachers motivate them to learn* (S2038)	90%	82%
their teachers expect them to do their best* (S2039)	95%	93%
their teachers provide them with useful feedback about their school work* (S2040)	87%	78%
teachers treat students fairly at their school* (S2041)	82%	61%
they can talk to their teachers about their concerns* (S2042)	70%	75%
their school takes students' opinions seriously* (S2043)	72%	55%
student behaviour is well managed at their school* (S2044)	63%	56%
their school looks for ways to improve* (S2045)	89%	76%
their school is well maintained* (S2046)	94%	91%
their school gives them opportunities to do interesting things* (S2047)	88%	85%

### Performance measure

Percentage of school staff who agree that:	2013
they enjoy working at their school (S2069)	94%
they feel that their school is a safe place in which to work (S2070)	98%
they receive useful feedback about their work at their school (S2071)	91%

## Our school at a glance

students are encouraged to do their best at their school (S2072)	100%
students are treated fairly at their school (S2073)	98%
student behaviour is well managed at their school (S2074)	83%
staff are well supported at their school (S2075)	67%
their school takes staff opinions seriously (S2076)	67%
their school looks for ways to improve (S2077)	96%
their school is well maintained (S2078)	94%
their school gives them opportunities to do interesting things (S2079)	96%

\* Nationally agreed student and parent/caregiver items were incorporated in the School Opinion Survey in 2012.

# Percentage of respondents who Somewhat Agree, Agree or Strongly Agree with the statement. Due to a major redevelopment of the surveys (parent/caregiver and student in 2012; staff in 2013), comparisons with results from previous years are not recommended.

DW = Data withheld to ensure confidentiality.

## Involving parents in their child's education

At Aviation High School, significant time and effort is committed to the on-going development of the school's curriculum with input from the aerospace industry and the broader school community. Meetings with staff, emails, telephone and written correspondence has been used to seek the broader communities input into the curriculum at the school.

The Aviation High Parents and Citizens Association (which meets the second Monday of each month) has had on going input into the school's curriculum, facilities, behaviour policies, uniform and school operation. Individual parents are encouraged to work with the school's Administration, Heads of Department, Guidance Officer, Year Coordinators and class room teachers on a regular basis. Quarterly reporting structures and subsequent parent/teacher meetings also assist and encourage parents to be actively involved in their child's education. Parents are welcome to make appointments to see members of the Administration team and/or HOD's, Guidance Officer, Year Coordinators, and teaching staff to discuss their students' progress and/or welfare. Parents are invited to attend special functions and celebrations of learning that occur during the school year.

## Reducing the school's environmental footprint

Data is sourced from school's annual utilities return and is reliant on the accuracy of these returns.

Aviation High School has sustained significant growth in staff and student numbers since 2007, there has been a proportional increase in the use of power and water at the school. For electricity, the addition of a 4kw solar panel system; the replacement of older style air conditioning units with more efficient inverter units; the use of low energy lights and a commitment by staff to turn off lights, power, air conditioners etc. when leaving classrooms. For water, the 30,000 litre water tank that supplies water to all of the toilets to help reduce the school's demand on the water supply.

	Environmental footprint indicators	
	Electricity kWh	Water kL
2010-2011	245,232	971
2011-2012	327,296	991
2012-2013	321,399	1,156

The consumption data is sourced from the validated utilities expenditure return which the school submits at the end of each financial year. The data provides an indication of the consumption trend in each of the utility categories which impact on the schools environmental footprint.

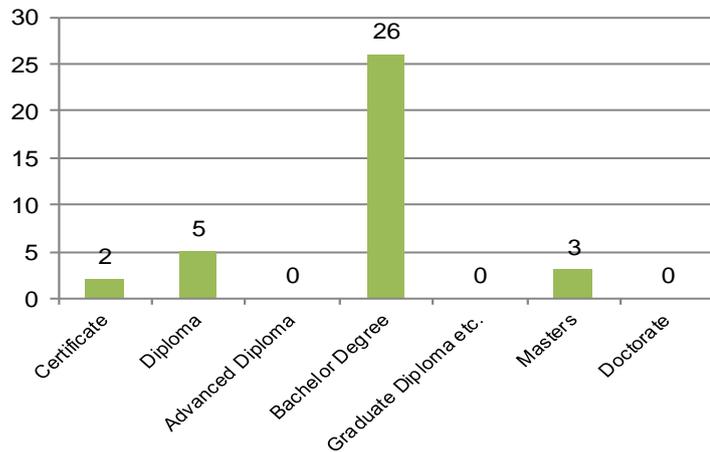
# Our staff profile

## Staff composition, including Indigenous staff

2013 Workforce Composition	Teaching Staff *	Non-teaching Staff	Indigenous Staff
Headcounts	36	24	0
Full-time equivalents	33	16	0

## Qualifications of all teachers

Highest level of attainment	Number of Teaching Staff *
Certificate	2
Diploma	5
Advanced Diploma	0
Bachelor Degree	26
Graduate Diploma etc.	0
Masters	3
Doctorate	0
<b>Total</b>	<b>36</b>



\* Teaching Staff includes School Leaders

\*\* Graduate Diploma etc. includes Graduate Diploma, Bachelor Honours Degree, and Graduate Certificate

## Expenditure on and teacher participation in professional development

The total funds expended on teacher professional development in 2013 were \$ 29,800.00 The major professional development initiatives are as follows:

- The Art and Science of Teaching
- Effective Behaviour Management

# Our staff profile

Syllabus implementation

ACARA / C2C implementation

The proportion of the teaching staff involved in professional development activities during 2013 was 100 %.

Average staff attendance	2011	2012	2013
Staff attendance for permanent and temporary staff and school leaders.	97%	97%	97%

## Proportion of staff retained from the previous school year

From the end of the previous school year, 98% of staff was retained by the school for the entire 2013 school year.

## School income broken down by funding source

School income broken down by funding source is available via the *My School* website at <http://www.myschool.edu.au/>.

To access our income details, click on the *My School* link above. You will then be taken to the *My School* website with the following 'Find a school' text box.

**Find a school**

Search by school name

Search by suburb, town or postcode

Sector  Government  
 Non-government

Where it says 'Search by school name', type in the name of the school you wish to view, and select <GO>. Read and follow the instructions on the next screen; you will be asked to accept the **Terms of Use** and Privacy Policy before being given access to the school's *My School* entry web page.

School financial information is available by selecting 'School finances' in the menu box in the top left corner of the school's entry web page. If you are unable to access the internet, please contact the school for a paper copy of income by funding source.

## Key student outcomes

Student attendance	2011	2012	2013
The overall attendance rate for the students at this school (shown as a percentage).	89%	90%	89%
The overall attendance rate in 2013 for all Queensland state Secondary schools was 88%.			

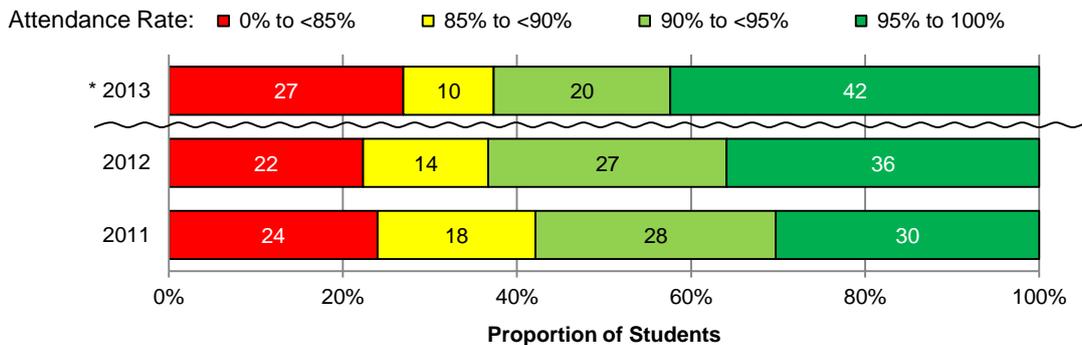
### Student attendance rate for each year level (shown as a percentage)

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
2011								90%	86%	87%	90%	89%
2012								91%	88%	91%	91%	88%
2013								93%	89%	86%	90%	90%

DW = Data withheld to ensure confidentiality.

### Student Attendance Distribution

The proportions of students by attendance range.



\* The method for calculating attendance changed in 2013 – care should be taken when comparing data from 2013 to that of previous years.

### Description of how non-attendance is managed by the school

## Performance of our students

Non-attendance is managed in state schools in line with the DET policies, SMS-PR-029: Managing Student Absences and SMS-PR-036: Roll Marking in State Schools, which outline processes for managing and recording student attendance and absenteeism.

At Aviation High, Form class attendance rolls are marked by a nominated Form teacher during the 10 min form class period at the beginning of each day (on Parade on Tuesdays). The rolls are returned to the school Administration office at the end of the Form period and entered into a computer based reporting system.

All students arriving late are entered into a computer electronically on arrival.

All phone calls from parents regarding their child away sick etc are entered into a computer electronically.

The system generates a student absence list which is distributed to all staff during Period 1 and all parents are informed by a text messaging system.

All staff maintain class attendance rolls for each of their lessons during the day. These are cross referenced with the daily student absence list to ensure students are not missing individual classes during the day.

In Period 4 all classes rolls are forwarded to the Administration office where they are entered into a computer based reporting system. Daily attendance report reprinted – this indicates any students who may have been present at form class roll and are not at period 4 class. This report forwarded to Deputy Principal for follow up.

Parents may be telephoned daily regarding students who are consistently absent. Deputy Principals contact missing students the following morning and issue detentions. Absentee letters sent to parents every fortnight. Parents are required to contact school by telephone or returning signed letter indicating why student was absent. This information is entered into a computer based reporting system..

### National Assessment Program – Literacy and Numeracy (NAPLAN) results – our reading, writing, spelling, grammar and punctuation, and numeracy results for the Years 3, 5, 7 and 9.

Our reading, writing, spelling, grammar and punctuation, and numeracy results for the Years 3, 5, 7 and 9 are available via the My School website at <http://www.myschool.edu.au/>.

To access our NAPLAN results, click on the *My School* link above. You will then be taken to the *My School* website with the following 'Find a school' text box.

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Sector  Government  
 Non-government

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# Performance of our students

Read and follow the instructions on the next screen; you will be asked to accept the **Terms of Use** and Privacy Policy before being able to access NAPLAN data.

If you are unable to access the internet, please contact the school for a paper copy of our school's NAPLAN results.

## Achievement – Closing the Gap

Due to the small number (>4) of indigenous students attending Aviation High in each year level, appropriate reporting in this section is difficult without identifying individuals. It may be stated that Aviation High is committed to the principles of “Closing the Gap” in relation to the attendance, attainment and retention of our indigenous students. Last year our indigenous students were involved in the Regional Critical Thinking program as part our ‘closing the gap’ strategy

<b>Apparent retention rates Year 10 to Year 12</b>	2011	2012	2013
Year 12 student enrolment as a percentage of the Year 10 student cohort.	109%	87%	82%
<b>Outcomes for our Year 12 cohorts</b>	2011	2012	2013
Number of students receiving a Senior Statement.	89	70	84
Number of students awarded a Queensland Certificate Individual Achievement.	0	0	0
Number of students receiving an Overall Position (OP).	55	44	49
Number of students who are completing/continuing a School-based Apprenticeship or Traineeship (SAT).	4	8	15
Number of students awarded one or more Vocational Educational Training (VET) qualifications (incl. SAT).	28	49	53
Number of students awarded an Australian Qualification Framework Certificate II or above.	15	34	35
Number of students awarded a Queensland Certificate of Education (QCE) at the end of Year 12.	54	47	77
Number of students awarded an International Baccalaureate Diploma (IBD).	0	0	0
Percentage of OP/IBD eligible students with OP 1-15 or an IBD.	65%	75%	78%
Percentage of Year 12 students who are completing or completed a SAT or were awarded one or more of the following: QCE, IBD, VET qualification.	71%	90%	98%
Percentage of Queensland Tertiary Admissions Centre (QTAC) applicants receiving an offer.	93%	94%	94%

As at 5 May 2014. The above values exclude VISA students.

## Overall Position Bands (OP)

	Number of students in each Band for OP 1 to 25.				
	OP 1-5	OP 6-10	OP 11-15	OP 16-20	OP 21-25
2011	7	9	20	14	5
2012	7	10	16	11	0
2013	7	12	19	11	0

As at 5 May 2014. The above values exclude VISA students.

# Performance of our students

## Vocational Educational Training qualification (VET)

Number of students awarded certificates under the Australian Qualification Framework (AQF).

	Certificate I	Certificate II	Certificate III or above
2011	19	11	5
2012	25	28	8
2013	27	21	18

As at 5 May 2014. The above values exclude VISA students.

The Certificate I qualifications completed by the students included a Certificate I in Hospitality (Kitchen Operations), Certificate I in Information Technology and Certificate I in Work Education.

## Post-school destination information

At the time of publishing this School Annual Report, the results of the 2014 post-school destinations survey, Next Step – Student Destination Report (2013 Year 12 cohort) for the school were not available. Information about these post-school destinations of our students will be uploaded to the school's website in September.

## Early leavers information

The destinations of young people who left the school in Years 10, 11 and prior to completing Year 12.

Students who intend to leave the school before completing the post compulsory years of schooling are encouraged to have an interview with the Administration and/or the Guidance Officer to consider the possible options available to them if they were to leave school early. The majority of students leave school early to commence full time work or training such as apprenticeships or traineeships