



2020

**Signature
Programs**



Table of Contents

Comets Academic Excellence

Initial Year 7 Comets Program enrolment requirements	3
Ongoing Comets Program participation requirements	3

STEM

What is STEM?	5
Why Study STEM at Nerang High?	5

Quality Arts Program

Dance/Drama	6
Music	6
Initial Year 7 Quality Arts Program enrolment requirements	6
Ongoing Quality Arts Signature Programs participation requirements:	6

Athlete Development Signature Program

Athlete Development	7
The Program	7



The Comets Program provides opportunities for academically motivated and talented students to maximise their intellectual potential in an environment that promotes a strong culture of academic excellence.

Comets students are highly motivated and academically capable students who will maintain a level of commitment, dedication and interest required to successfully achieve quality learning outcomes in their program of study.

Initial Year 7 Comets Program enrolment requirements

- Maintain a high standard of effort and behaviour at all times.
- Maintain a high standard of academic achievement in all subjects.
- Participate in NAPLAN Tests.
- Participate in co-curricular and extra-curricular competitions and activities.
- Participate in the school’s Bring Your Own Device (BYOD) Program.



Ongoing Comets Program participation requirements

- Comply with the High Expectations for Learning process regarding homework, classwork, equipment and punctuality.
- Adhere to the PRIDE values of persistence, resilience, integrity, diversity and empathy.
- Maintain a high standard of academic achievement (A or B) in English, Humanities and Social Sciences, Mathematics and Science subjects.
- Ensure Effort and Behaviour report comments are Excellent or Very Good.
- Have high attendance (≥95%) with all absences explained.
- Participate in all relevant NAPLAN Masterclasses.
- Have a BYOD and take it to all subjects.
- Use EQ email to communicate with subject teachers and Comets Coordinator.
- Commit to the 21st century skills by participating in co-curricular and extra-curricular activities.
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The school organises and covers the cost of the students in the COMETS Program participating in:

Co-curricular	Extra-curricular
NAPLAN tests Australian Mathematics Competition National Science Competitions STEM Challenge “Write Stuff” Competition Night of the Notables (Year 9) “Speaking Out” Competition MLTAQ Languages Speaking Competition APSMO Mathematics Olympiad Japanese Writing Competition	Debating Public Speaking Competition “Great Spelling Bee” Competition Interschool Sporting Team Representative Sport Music Program Junior Student Council Dance Troupe Funk band

Our Comets students can expect to:

1. Be explicitly taught the 21st Century Skills and have these skills embed in the curriculum.



2. Have opportunities for the development of higher-order thinking skills and problem solving strategies.
3. To be supported in participation in local and national competitions.
4. Work with a team of teacher who meet regularly to discuss student achievement, effort, behaviour, cross-curricular links, teaching strategies and environment issues.

5. Access extension activities, with a focus on programs for the academically motivated and talented students

6. Maximise their intellectual potential in an environment that promotes a strong culture of academic excellence.

7. Have teachers that intimately know and care about our COMETS – they know their students and their strengths and weaknesses as individuals, engage the students through regular individual conferencing and ensure students are aware of how they can improve.



8. Engage with a variety of differentiated enrichment and extension activities in each subject, through either acceleration of the regular curriculum (providing an opportunity for an extended, creative, open-ended investigation) or by extending the regular curriculum to a greater depth or a higher level (e.g. teaching some Year 8 curriculum content to Year 7 students).

9. Be held to the same standards and expectations for determining a level of achievement as for a mainstream class i.e. it is not more difficult to achieve an A in the Comets class than it is in a mainstream class.



10. Have opportunities to develop deep learning (by thinking flexibly and exploring knowledge) and be in classes where we foster a growth mindset which allows students to make mistakes and learn from them.

11. Have regular homework to consolidate and extend learning.

12. Teachers to make regular contact with their parents through text messages or email to acknowledge achievements, praise individual improvement and promote positive class initiatives.

STEM



SCIENCE • TECHNOLOGY • ENGINEERING • MATHEMATICS

Year 7 Comets students have the opportunity to complete a STEM program, as part of their academic excellence program.

What is STEM?

STEM is a curriculum based on integrating the 4 disciplines of Science, Technology, Engineering and Mathematics into cohesive learning experiences based on real world issues.

The need for STEM-qualified Australians and STEM skills, as highlighted by Australia's Chief Scientists are now widely recognised as being crucial for our long term future.

This is why at Nerang High we have developed a stand-alone STEM program to meet the needs of our students, to ensure that they can adapt and achieve individual successes in their future.



Why Study STEM at Nerang High?

Our world is an ever changing place and such change seems to be occurring at a rapidly increasing speed. Your child's education needs to match this pace and through our STEM program, our students are explicitly taught and have a magnitude of opportunities to learn the skills that are vital to succeed in the 21st century. Our STEM course focuses on:

- Engineering and Design using paper geometry
- Engineering of Roller Coasters and perpetual motion
- Computer Coding and Robotics
- Sustainable house design focusing on solar technology and water filtration

Using scientific inquiry, technological innovation and mathematical computation our students will undertake projects that enhance their problem solving skills while working collaboratively to create solutions in global challenges such as sustainability, environmental, engineering and new technologies.



Our program is innovative and engaging, delivering a curriculum that is future focused and meets the individual needs of your student. Your child's future is valued at Nerang High School and through STEM we will assist in their journey towards their desired career.

Quality Art Signature Programs



The Quality Arts Signature Programs sharpens the creative talents of artistic students through mentoring, practice and specialised training. These programs provide a platform for students to thrive through extended curriculum in which they work collaboratively with other students, expert teachers and guest professionals to extend their skills and prepare for a future within the Arts industry.

Dance/Drama

This program is designed to foster the creative talents of artistic students through a specialised program.

This opportunity is offered to students who have a passion for Dance, Drama and Performing. Technical training is not a pre-requisite however, students will be required to partake in an audition process.

Students enrolled in the Signature Dance/Drama Program will study dance and drama as their arts elective where they will be provided with opportunities to develop practical expertise through a variety of styles in these performance areas.

Music

This program caters for talented musicians, who wish to extend their knowledge of musicianship and experience in performance.

This opportunity is offered to students who are proficient in woodwind, brass, percussion, strings, keys or voice.

Students enrolled in the Signature Music Program will study music as their arts elective and will be placed in a specialty music class. Students will be provided with opportunities to develop practical expertise on their own instrument or voice, in addition to learning rudimentary skill with music technology software.

Initial Year 7 Quality Arts Program enrolment requirements:

- Maintain a high standard of effort and behaviour at all times.
- Demonstrate exemplary attendance
- Participate in co-curricular and extra-curricular competitions and activities.
- Participate in the school's Bring Your Own Device (BYOD) Program.



Ongoing Quality Arts Signature Programs participation requirements:

- Comply with the High Expectations for Learning process regarding homework, classwork, equipment and punctuality.
- Adhere to the PRIDE values of persistence, resilience, integrity, diversity and empathy.
- Maintain a high standard of academic achievement (A or B) in Performing Arts subjects.
- Ensure Effort and Behaviour report comments are Excellent or Very Good.
- Have high attendance (≥95%) with all absences explained.
- Commit to co-curricular lessons within your Arts area if available.
- Commit to extra-curricular troupes, rehearsals and performances if required.

ADP

NSHS | ATHLETE | DEVELOPMENT | PROGRAM

All students undertake a Physical Education (PE) program in years 7 to 10. The exciting new Athlete Development Program is an alternative to the standard PE subject, and is for those who enjoy expanding their capabilities in relation to sporting endeavours.

This signature program is by application and will continue across Years 8 and 9.

Athlete Development

At Nerang State High School, leadership, resilience and persistence are key to our core values.

The Athlete Development Program provides a wide-ranging sports curriculum to develop these attributes.

A broad set of sporting skills are developed along with the capability for students to transition these lifelong learnings into their sporting careers. Qualities of leadership and resilience are synonymous with driven, passionate athletes.



The Program

Our 2020 Athlete Development Program will focus on:



- Skills to operate in a higher performance sporting environment
- Nutrition and Sports Psychology
- Teamwork, communication and leadership skills
- Volleyball and AFL
- Athletics and Swimming
- The fundamental movement patterns for strength and conditioning
- Development of the key sport components of strength, agility and aerobic speed
- Injury prevention and rehabilitation programs

Students involved in this program will undertake the core elements of health and sport with a key focus on developing the whole athlete.