

Courses of Study Guide 2025

Junior School

Year 9 and Year 10



KING'S
COLLEGE



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Junior School curriculum

We have developed a curriculum for our Year 9 and Year 10 students that aims to give them the strongest possible foundation for their senior studies at the College.

Our two-year Junior School curriculum aims to provide a base from which students can venture into senior courses and beyond. The curriculum covers the core learning areas and is compulsory to ensure that all of our students have a wide range of options open to them when they come to select their senior school courses.

King's College values the study of languages and taking a language is compulsory at Year 9. Students are able to choose which language they want to study from French, Latin, Spanish and Te Reo Māori.

We aim to challenge our students and encourage them to reach their academic potential.

All students entering Year 9 are tested and placed in two broad ability bands of four classes each. All students in both bands

follow the same course of study, although teachers may adapt the course slightly to take account of the ability of the students within their class.

Students in the first band have the option of selecting Latin as their language course. Students in the second band may be able to attend the Learning Centre for support with Mathematics and English instead of studying a language, if deemed appropriate.

All Year 9 and 10 students have the opportunity to be selected for a Sports Development Programme.

All Year 10 students will also participate in the 'Adventure Challenge' – a 18-day outdoor education programme which takes them away from home and school. The Adventure Challenge is part of our commitment to providing the best all-round education and provides our students with educational and character development experiences to help advance personal responsibility, health and well-being, community, leadership development, civic engagement and stewardship for King's College.

Year 9 and Year 10 Subjects

*Year 9 students follow a compulsory course of subjects and select **one** language option plus **three** options from the table below. Each option will run for one third of the year.*

*Year 10 students follow a compulsory course of subjects and select **two** options from the table below.*

Year 9	Year 10										
<p>Core:</p> <ul style="list-style-type: none">• English• Languages (choose one from French, Latin, Spanish or Te Reo Māori)• Te Ao Māori• Mathematics• Physical Education• Religious Education• Science• Social Studies	<p>Core:</p> <ul style="list-style-type: none">• English• Mathematics• Te Ao Māori• Physical Education• Religious Studies• Social Studies• Science										
<p>Options:</p> <p><i>Choose three option subjects:</i></p> <ul style="list-style-type: none">• Art• Coding• Money Matters• Performing Arts• Technology	<p>Options:</p> <p><i>Choose two different option subjects. Each runs for the whole year.</i></p> <table><tbody><tr><td>• Art</td><td>• Latin</td></tr><tr><td>• Coding</td><td>• Music</td></tr><tr><td>• Drama</td><td>• Spanish</td></tr><tr><td>• Financial Education</td><td>• Te Reo Māori</td></tr><tr><td>• French</td><td>• Technology</td></tr></tbody></table>	• Art	• Latin	• Coding	• Music	• Drama	• Spanish	• Financial Education	• Te Reo Māori	• French	• Technology
• Art	• Latin										
• Coding	• Music										
• Drama	• Spanish										
• Financial Education	• Te Reo Māori										
• French	• Technology										

A student may select an option course in Year 10 (other than Languages), without having taken the subject in Year 9, i.e. Year 9 option subjects are not prerequisites for the Year 10 options.

Progression of Subject Choice from Year 9 to Year 13

YEAR 9

- Students follow a compulsory course which introduces a broad range of subjects and offers a strong foundation for future learning at the College.
- Students select one language from French, Latin, Spanish or Te Reo Māori. They also choose three option subjects for one third of a year each.
- Option subjects selected in Year 9 are not prerequisites to being able to study an option subject in Year 10. A student could select **three** option subjects in Year 9 and then select different options subjects in Year 10. For example, a student could select Coding as a Year 10 option without having taken Coding in Year 9.

YEAR 10

- Students follow a compulsory course which continues with a broad range of subjects and offers a strong foundation for future learning at the College.
- Students select two option subjects.

YEAR 11

- All students must select an English course and a Mathematics course plus four options.
- Students are encouraged to achieve breadth in their subject selection by selecting as many different learning areas as possible – this ensures you do not unduly limit future study pathways by narrowing your subject choices now.
- If you are unclear about future study and career aspirations do not discard subjects studied as part of the Junior School curriculum, but continue with a broad subject selection.
- Students contemplating overseas tertiary study need to understand that their Year 11 results will be considered in their application.
- Students should identify entry requirements for university degree programmes they are interested in. Students should select subjects that prepare them for the widest range of programmes in their field (or fields) of interest.
- The emphasis at Year 11 is on the choice of subjects, not the qualification pathway. Students do not need a full set of NCEA or Cambridge subjects to proceed to Year 12 courses of study. They do, however, need to attain success in their individual subjects.

YEAR 12

- All students must select an English course plus four options.
- Academically able students may be allowed to take English plus five options upon application to the Deputy Head – Academic
- Students should select subjects, if possible, that are going to lead them to a definitive tertiary pathway.
- At this level students should look ahead to their subject options for Year 13 and make a plan for the final two years of study at the College – this will help to ensure you meet course prerequisites.
- Students should not enrol in a subject if they have not met the criteria for success in Year 11 – many courses have set prerequisites.
- Students are reminded that they may only qualify for tertiary entrance through one pathway not both – Cambridge or NCEA – but this does not need to preclude a mixed course.
- Year 12 results will be a key determinant in successful applications to New Zealand Halls of Residence and overseas placement.

YEAR 13

- There are no compulsory courses at Year 13. NCEA students choose five options. Cambridge students choose four options but academically able students may be allowed to take five options upon application to the Deputy Head – Academic.
- Care should be taken in deciding which subjects to continue or discard. Students should not enrol in a subject if they have not met the criteria for success in Year 12 – many courses have set prerequisites.
- Some subjects are ‘stand alone’ at this level. That is, students can enrol in these without prior study. Students should consult with the appropriate Head of Department to ascertain whether selecting such a subject is in the student’s best interests.

Faculty	Junior Curriculum	
	Year 9	Year 10
English	English	English
Mathematics	Mathematics	Mathematics
Sciences	Science	Science
Social Sciences / Humanities	Social Studies	Social Studies
Physical Education	Physical Education	Physical Education Sport (Athletics Performance Class) (full year option)*
Commerce	Financial Education (option)	Financial Education (full year option)
Languages	Languages	Languages (full year, option)
	Learning Centre (full year)*	Learning Centre (full year)*
	Te Ao Māori	Te Ao Māori
	Latin (option)	
Performing Arts	Performing Arts (option)	Drama (full year option)
		Music (full year option)
Technology	Technology (option)	Technology (full year option)
	Coding (option)	Coding (full year option)
Visual Arts	Art (option)	Art (full year option)
Religious Studies	Religious Studies	Religious Studies

KEY: Core Subject. *Subject by HOD selection only.

Senior Curriculum	Year 11 towards:			CAMBRIDGE		NCEA	
	Cambridge AS	NCEA Level 2	Both AS/Level 2	AS	A	Level 2	Level 3
English	✓	✓		✓ (P)	✓ (P)	✓	✓ (P)
Mathematics and Statistics	✓	✓		✓ (P)	✓ (P)	✓ (P)	✓ (P)
Biology	✓	✓		✓ (P)	✓ (P)	✓ (P)	✓ (P)
Chemistry			✓	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Marine Science	✓			✓			
Physics			✓	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Geography	✓	✓		✓	✓ (P)	✓	✓
History			✓	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Classical Studies			✓	✓	✓ (P)	✓	✓
Psychology				✓			
Physical Education	✓	✓		✓		✓	✓
Outdoor Education							✓
Accounting	✓	✓		✓ (P)	✓ (P)	✓ (P)	✓ (P)
Business Studies			✓	✓	✓ (P)	✓ (P)	✓ (P)
Economics			✓	✓	✓ (P)	✓	✓
French			✓ (P)	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Spanish			✓ (P)	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Te Reo Māori			✓ (P)			✓ (P)	✓ (P)
Latin			✓ (P)	✓ (P)	✓ (P)	✓	✓
Dance		✓				✓	✓
Drama			✓	✓		✓	✓
Music	✓	✓		✓ (P)	✓ (P)	✓ (P)	✓ (P)
Technology and Design			✓	✓	✓ (P)	✓	✓ (P)
Computer Science and Digital Technology			✓	✓ (P)	✓ (P)	✓	✓
Visual Arts			✓	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Art History						✓	✓
Media Studies			✓	✓ (P)	✓ (P)	✓ (P)	✓ (P)
Religious Studies			✓	✓		✓	✓

Note: (P) = Prerequisites required to take course.

Teaching and Learning at King's College

Providing “the best all-round education it is possible to obtain” is at the heart of the King's College educational philosophy. Our goal is to prepare our students so that they can flourish in today's rapidly changing world.

Staff are dedicated to the development of our academic curriculum and co-curricular programmes and have worked productively to create exciting, challenging and worthwhile opportunities for all our students.

Recognising that a successful education has many different strands, we have identified eight key dimensions that communicate the King's College Teaching and Learning Philosophy.

Our all-round educational philosophy

Founding Headmaster, Graham Bruce, determined that King's College should “*provide the best all-round education it is possible to obtain*”. That commitment remains today and is now evident in the eight key dimensions: learning, internationalism, democracy, environment, adventure, leadership, service and spirituality. Each of these dimensions guides our approach to learning and shapes the environment we create for our students.

Every King's student benefits from our all-round teaching and learning philosophy. A student with an all-round education is a proficient thinker, capable of deep understanding and the ability to apply their knowledge to different situations. They have a strong sense of who they are and are aspirational and self-motivated. They value freedom of thought and speech, they see themselves as global citizens and they aspire to make a difference.

The learning journey

Our King's College curriculum has been developed to offer the best possible learning pathway to meet the needs of every student.

We have a two-year school curriculum for Year 9 and Year 10 students combining traditional academic subjects with a wide range of life and thinking skills. This gives our students a strong base for the future.

In Year 11 our students can access the National Certificate of Educational Achievement (NCEA) and the Cambridge International Examination (Cambridge) pathway. In Year 12 and Year 13 they must choose between these two great qualifications. We are proud to be offering this choice to our students.

As students progress to more senior levels at King's they will also have more choice of subjects. We encourage our students to retain a broad range of subjects for as long as possible, giving them access to more opportunities when they come to consider future study options and other endeavours.

A positive environment

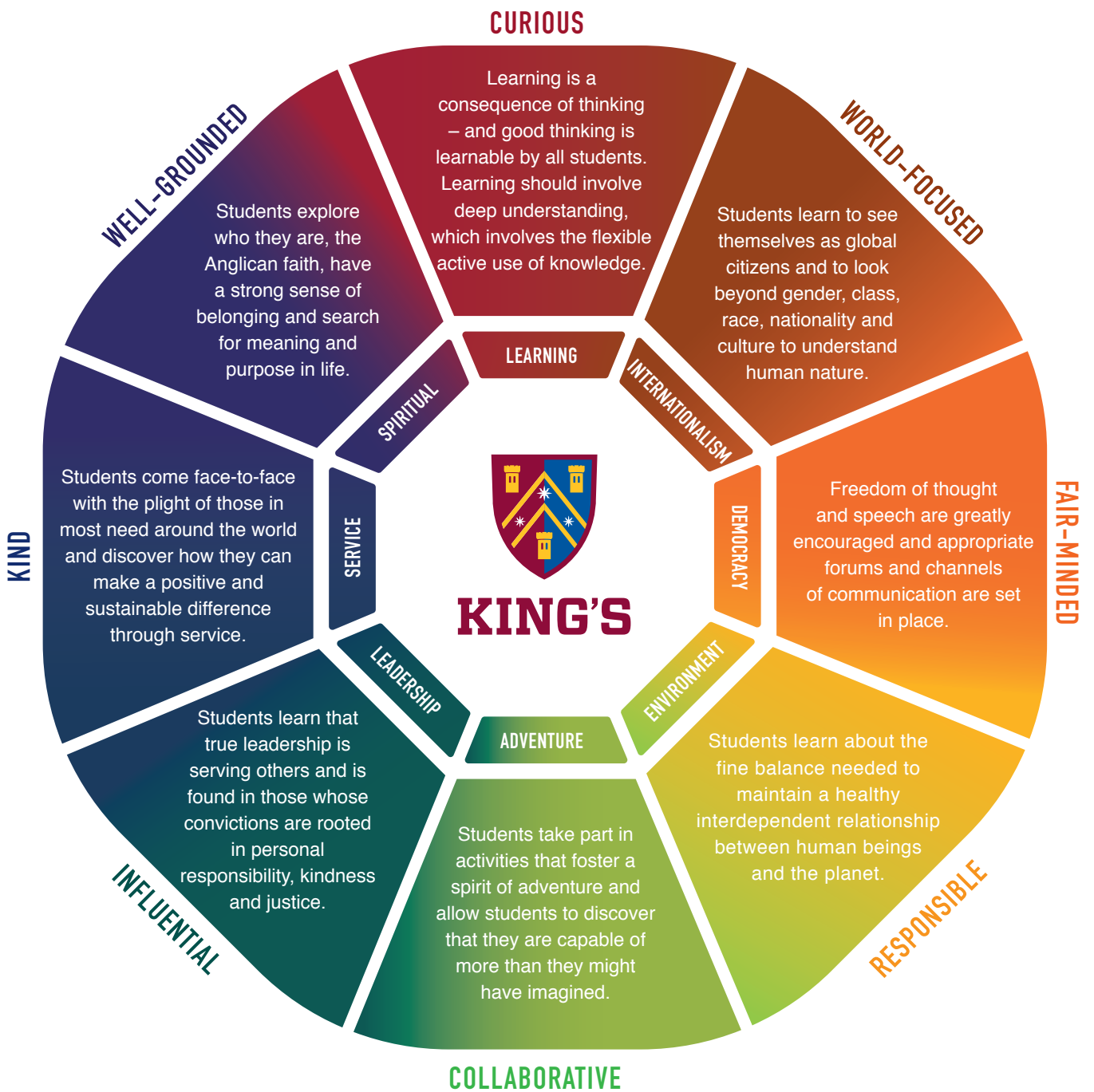
The commitment of our teachers, encapsulated with our innovative Teaching and Learning Philosophy, has created an environment that supports excellence.

Our class sizes are small allowing us to provide low pupil-to-teacher ratios. This ensures our students benefit from greater individual attention in the classroom.

All our students are encouraged to be self-motivated and are encouraged to reach their highest potential.

“Students learn in calm and deliberately arranged learning environments that promote engagement. Students and teachers interact positively and with respect. Students demonstrate an enthusiasm for learning, and learning together.”

Education Review Office Report



E-learning

At King's College we are using educational technologies and our e-learning programme to transform the learning experience by making it more student-centred, more dynamic and more accessible.

Our teachers are using technology to give our students access to new resources and new ways to learn. We are also equipping our students with the skills to enhance their own study and research, by making smarter use of the technology that is available to them.

One of the key advantages of our e-learning approach is that it allows our staff to deliver more individualised learning opportunities and gives our students greater control over their learning experience. Students are supported to learn at their own pace, allowing them to revise content with which they need to spend more time, or to stretch themselves with additional readings and exercises.

Each student's device enables our staff to reach them with a range of learning resources such as course notes, videos, podcasts, revision exercises and online publications, including a number of multi-touch interactive books developed in-house by our subject departments.

Digital citizens

We are very conscious of the role we play as digital educators. We want our students to be confident users of technology and to know how to use technology in the way that is most appropriate to the task at hand.

Our teachers integrate the use of technology into classroom teaching and assignments, allowing students to learn about different applications in a practical and useful way.

We are very conscious of the role we play as digital educators. We want our students to be confident users of technology and to know how to use technology in the way that is most appropriate to the task at hand.

Through our Ngā Tuāpapa programme, Year 9 and 10 students learn valuable skills that they can apply in their subjects, such as effective note-taking on digital devices and smart online search practices. Knowing how to access, navigate and differentiate information is a vital skill in today's world and one which our students will continue to use in future study and in the workplace.

Alongside teaching them how to access the advantages offered by digital technologies, we also educate our students to become responsible digital citizens. Students learn about the risks, responsibilities and etiquette of being a digital citizen.

Technology requirements

The College has a lease programme for all new students in Years 9-12, providing each student with the most recent iPad Pro or Air, an Apple Pencil, an Apple Magic Bluetooth keyboard, a protective case and 24/7 Apple Care cover and support.

A three-year lease provisions Year 9 boys and Year 11 girls, and a two-year lease provisions new Year 10 and 12 boys and girls. Details of the lease programme will be sent to the parents of new students in Term 3.

Notwithstanding the lease programme, all students – from Year 9 to Year 13 – are required to use an iPad and Apple Pencil for their learning. We strongly recommend the 13" iPad Pro or Air and a keyboard. **Please note that a laptop is not an alternative device in our programme.**

All academic courses are accessible online, enabling students to keep up-to-date with their coursework at any time and from anywhere.

Prepared for the future

To prepare our students for the increasingly complex work environments of the future, we know it is essential to develop their digital literacy and confidence. We recognise technology as an important platform and enabling tool for creativity and innovation, critical thinking and problem-solving, and communication and collaboration in our globally-connected classrooms and workplaces.

By building educational technologies into all aspects of our teaching and learning, we also ensure that our students can access and make use of real-world, contemporary data, tools and expert insights. We believe this is a valuable practice for our students to learn and apply in their studies and, ultimately, in their careers.

Technology is constantly evolving and at King's College our goal is to prepare our students with the tools and confidence to keep pace with that evolution. We are always looking for new opportunities to use technology to unlock student potential and expand the learning experience.

Support for learning

King's College is committed to promoting achievement, raising standards and to providing an environment that encourages all students to develop his or her abilities to the fullest. We aim to provide a rich education for every student, working with their talents and abilities, and take pride in celebrating their success.

We believe that the role of the College is to provide a wide range of challenging learning opportunities that will enable each individual to realise their potential. It is also our role to support our students to meet the challenges we set for them.

Different students will need different levels of support and we are committed to understanding the individual needs and circumstances of each student.

The Learning Centre at King's College focuses on five key elements to help students achieve their highest potential: communication, support, curriculum, achievement, and monitoring progress opportunities.

Communication

- Identify and monitor a student's needs at the earliest possible stage.
- Make teachers aware of additional/specific needs of the student they teach and provide support for both the teacher and student to meet their needs.
- Involve parents at an early stage - parents are encouraged to be involved with their child's education.
- Close liaison with education assessment and learning support services and, where necessary, social services, educational welfare and medical services.
- Develop adequate records that follow the student through the school, which are clear, factual, up to date and reliable.

Support

- Help students with their intellectual, emotional and social development, working with them to develop their personalities, skills and abilities.
- Meet the particular social and emotional needs associated with students with a learning difference.
- Work for quality and equality of opportunity.
- Work to ensure students with a learning difference develop a positive self-image.
- Give students the pastoral support they need to maximise their potential.
- Preliminary screening for students with potential learning differences.

Curriculum

- Provide lessons which take account of both the student's ability and his/her learning difference.
- Continuously improve classroom-based provision for students with learning differences.
- Help students to reach their potential in all aspects of the curriculum by ensuring there is an efficient system of identification, programme planning and monitoring.
- Provide a full and balanced curriculum that attempts to meet the learning needs of all students.
- Devise strategies for learning as part of a differentiated, extended and enriched experience.

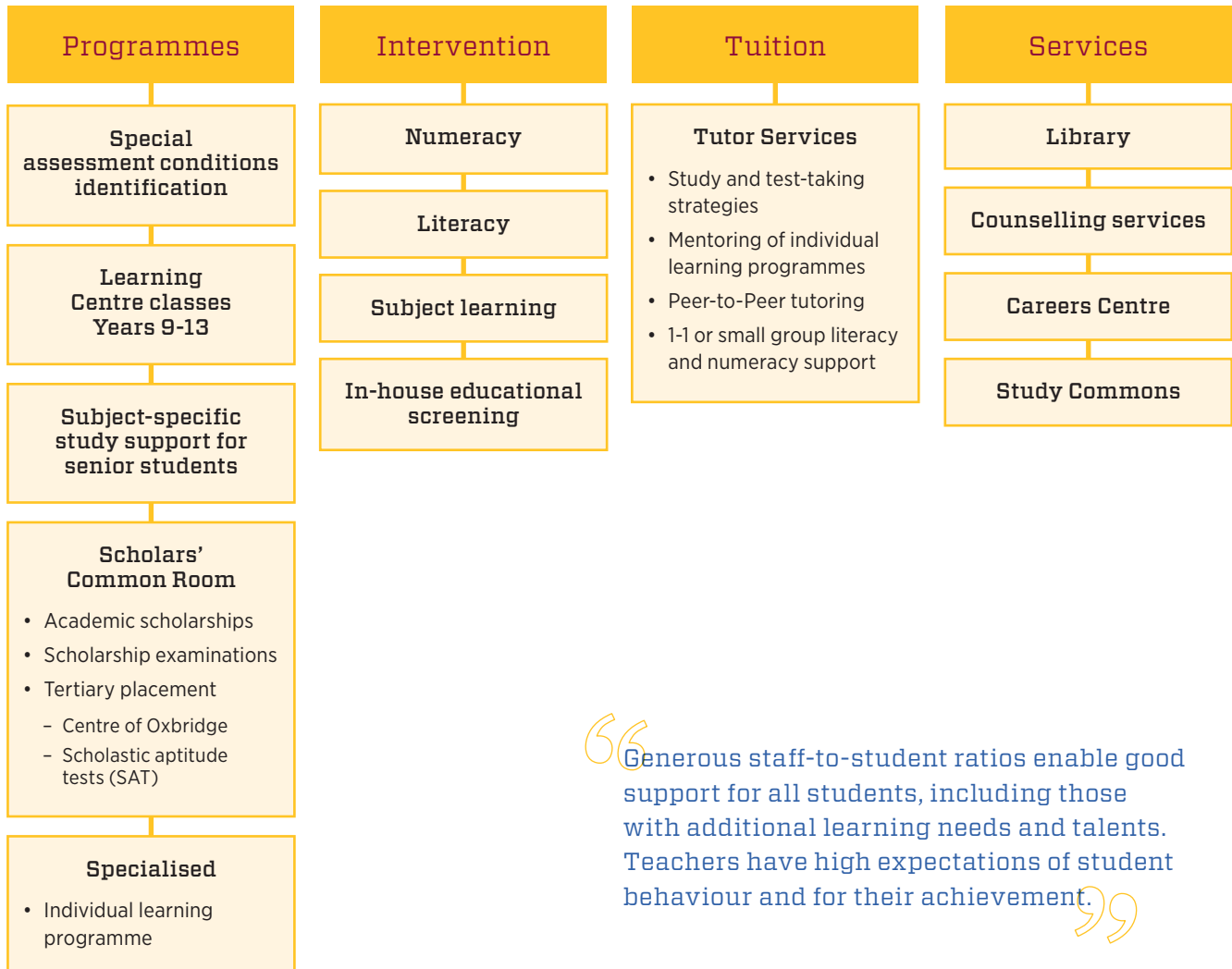
Achievement

- Raise students' levels of achievement.
- Recognise under-achievement through appropriate teaching and learning programmes.
- Increase the level of engagement of all students.
- Enable students to reach their potential in all aspects of College life.

Monitoring Progress

- Make use of learning analytics to interpret data from the College's Learning Management System, providing insights into each student's learning behaviours and tracking their academic attainment. This information assists in enabling teachers to provide personalised, targeted advice for each student and helps to identify when and where extra learning support is needed.
- Share information about learning behaviours and academic attainment with students, encouraging them to set goals and take responsibility for their own learning and achievement.

Support available for students



“
 Generous staff-to-student ratios enable good support for all students, including those with additional learning needs and talents. Teachers have high expectations of student behaviour and for their achievement.
 ”

Advice from the King's Careers Centre

For each of our students, understanding where they want to go next in terms of their studies – and ultimately which future pathway they want to follow – will be of great help to them as they choose the subjects and course options that are right for them.

Advice for parents on questions that they can ask, and on steps that they can take to help their son or daughter identify future study and career options is provided on the next page.

We also have some simple tips to help with subject selection – the most important piece of advice is to give yourself enough time to choose your subjects:

- Read this guide.
- Visit the Careers Section of Schoolbox for relevant information.
- Book in for a one-on-one careers consultation.
- Talk to family, friends and teachers about your career interests, skills, abilities and talents, and the options or pathways that fit with your strengths and interests.

When choosing your subjects make sure that you look ahead to your final year of school and consider the prerequisites that you will need for future tertiary study options.

Visit the Careers section in Schoolbox, and click on the Subject Choice tile to access helpful resources including:

A table of recommended and prerequisite subjects. You will find web links to detailed advice from all eight NZ universities.

The Overseas Study tile will lead you to good starting points for researching tertiary study in the United Kingdom, United States of America, Australia and a few other popular overseas study destinations.

This Courses of Study Guide includes information on how to gain university entrance for admission to universities and tertiary education organisations in New Zealand. We recommend that students and parents alike visit the websites of their universities of interest to research the specific entry requirements for admission, and prerequisites for the various degree programmes. This is especially critical for students applying to overseas universities including Australia.

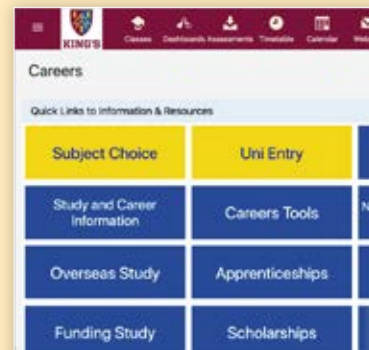
We hope that this information helps students to make informed, well-researched decisions about the subjects they can take now with a view to realising their future study and career aspirations in the future. We encourage all students at the College to proactively seek expert career advice and guidance from the highly experienced and knowledgeable staff located in King's Careers.

Nāku noa, nā

Riki Apa
Careers Director

Schoolbox:

Visit the 'Careers' section on Schoolbox to find more Career Tools and Career Resources, and to learn more about Subject Choice and University Entry.



Students considering overseas universities

Students considering overseas universities are advised to start researching this as soon as possible to ensure that they have the right subjects for entry requirements. Mrs Brook will run overseas information sessions in the last week of term 2, open to students from Years 9-12.

For more information, please visit the Careers page in Schoolbox or email a.brook@kingscollege.school.nz



“I got most of my advice from the King's Careers Centre and found the university subject talks really helpful as they give you an idea of what each degree involves.”

Student Decision-making: How Parents can Help

Helping and supporting your son or daughter to make well-informed career and education decisions can feel like a heavy responsibility.

The best role that parents/guardians can play in their teenager's decision-making process is to be supportive, acting as a sounding board and advisor, allowing your son or daughter the time and space that they need to identify the options that are right for them.

Below are some recommended steps to work through with your son or daughter to help them identify study and career options that match their interests and strengths.

- **Ask your son/daughter open-ended questions that will help them to examine themselves building self-awareness. Focus on their interests,** things that they are good at, and their personal values relating to work, communities, and the world around them.
- **If your son/daughter is unsure about what career they might desire, ask them questions that will help them to define broad areas of interest,** such as helping people or scientific work. Encourage them to investigate multiple options within each field. Pursuing work or study in an area of interest is vital for maintaining the motivation and satisfaction that will help them get through tough times.
- **Discuss what your son/daughter needs or wants from their future career.** Attitudes to the need for money, security or self-development vary from person to person.
- **Try not to impose your own ideas, but rather help by asking questions that will help them to clarify their issues.** For example, "This job does not have much physical activity in it, and yet you have said that it is important to you. How much will that really matter?"
- **Point your son/daughter towards reliable sources of information about careers** and to look at websites such as www.careers.govt.nz
- **Encourage your son or daughter to attend a careers meeting** (career development consultation) with King's Careers staff (Mr Apa or Ms Brook)
- **Encourage your son/daughter in any activity that develops skills.** Many of the important transferable skills that employers look for are developed at school through the general curriculum. Skills are also gathered from voluntary, part-time or holiday jobs, as well as from leisure and sporting activities.
- **Discuss subject choice with your son/daughter each year.** Which subjects best suit their plans for the future? Do you agree with their thinking? If you have concerns, consult with a career expert at school (Mr Apa, Careers Director or Ms Brook, Careers Consultant) as well as a conversation with one or more of their teachers.

Seven skills and abilities that parents can use to help their son or daughter to clarify their interests, and explore their options for future study and career

Listening Skills

Listen uncritically and patiently without rushing to solutions.

Guiding Ability

Suggest ideas without forcing them in one direction.

Asking Ability

Ask questions that help your son/daughter think about their likes and dislikes – their interests, sports, hobbies and academic subjects.

Lateral Thinking Ability

Help them see the links between different types of work, between skills and jobs, and between interests and occupations.

Assessment Ability

Assist your son/daughter to gather and assess the information that they have collected about subject and career options, using categories such as 'really interested', 'it is okay' and 'not really my thing'.

A 'Sounding Board'

Encourage one-on-one or family discussions to help your son/daughter work through various ideas and get feedback. (Remind family members to keep it positive!).

Encouragement Skills

port and encourage your son/daughter to do the necessary research to come to a good, informed decision.

Source: Adapted from www.canterbury.ac.nz/careers

Keep an open mind – and be positive

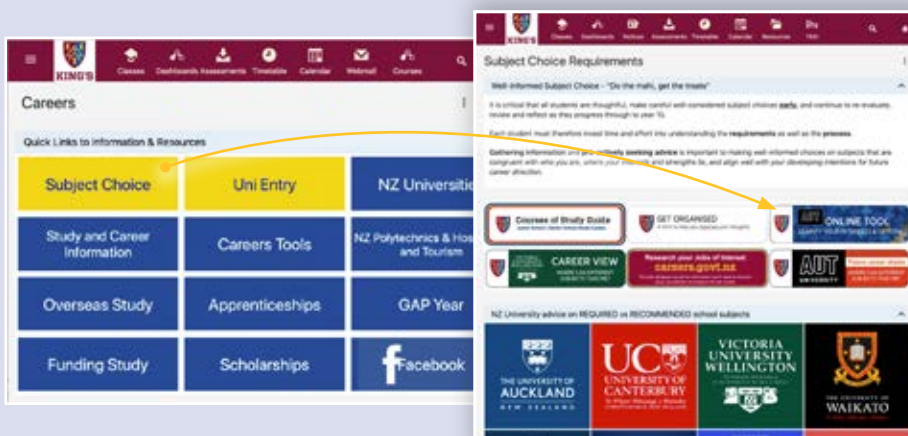
- We are often limited by our own experience. There are hundreds of different sorts of jobs that we have never heard of, let alone considered. Try to cast your son's/daughter's net as wide as possible.
- Do not discourage with comments like "You are not bright enough to do that" or "I thought you hated that subject". It is amazing what people can achieve when they want something, and many people are 'late career developers', growing into skills as they get older.
- Above all else, encourage your son/daughter in all aspects of their lives – school, home, hobbies, sport and part-time or summer employment. The greatest gift that you can give them is a belief in themselves.
- No career decision is final or fatal! It is okay not to know! There can be more than one pathway to the same destination. A career is a journey, not a destination, so let's enjoy the trip!

How to select your subjects



For more advice on selecting your subjects

Visit **Schoolbox | Careers** and click on 'Subject Choice' to find resources that can help you identify subject and study pathways that fit with your skills and interests.

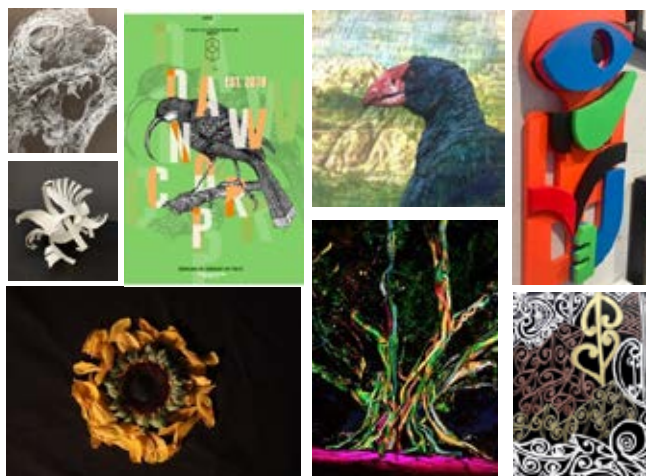
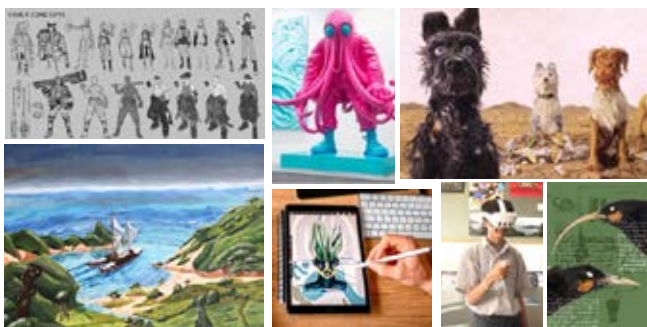


Option Subjects

Art

Year 9

Year 9 Art is a 12 week fun-filled journey full of exciting creative opportunities and new artmaking experiences. Students will create new worlds and expand their imaginations through creative storytelling, using traditional techniques and skills such as Drawing, Painting, Printmaking and Sculpture, alongside new digital design technologies which focus on Animation, Photography, Design, Digital drawing and Virtual Reality. Students will have the opportunity to use industry creative software via the Adobe Creative Suite, whilst learning new interactive drawing apps for drawing, painting, animation and film editing. This dual approach to making artworks will sit alongside the development for students to become independent, creative thinkers and build their confidence to achieve at the highest level, creating artworks of originality and personality, reflecting their responses to a fast and changing world. This course is a must for dreamers and those with unique imaginations, bursting to visualize them.



Year 10

The Year 10 Art Course is an exciting new opportunity for a huge range of creative play across a variety of diverse art forms. From Digital Design, Drawing, Sculpture, Mixed Reality (Virtual and Augmented Reality) and Animation, through to Painting, Printmaking, Photography and Experimental Drawing, the course takes students on a journey which enables them to experience rich creative collaborations with Technology and other departments, using a wide range of traditional and digital skills to produce original and exciting artworks. Students will further develop their ability to develop unique ideas based on the practical study of exciting New Zealand and international artists and designers. The creative possibilities are endless for those students who wish to continue in the Creative Arts and to follow a pathway through to Senior Art, Tertiary study and beyond. By the end of the course, students will be confident young artists, capable of producing artwork and designs across a wide range of creative disciplines, based on their response to the world around them, ready to move into Painting or PhotoDesign at Level 1 NCEA or Cambridge study with IGCSE. This course is a must for our very best creative students and the best foundation for developing visual imagination and creative thinking.

Coding

Year 9 - Digital Innovations

The Digital Innovations Program (DIP) is a hands-on introduction to the exciting world of technologically relevant skills. Students are encouraged to have an open mind and to learn about the different aspects of IoT (Internet of Things). In all sectors of society, we are seeing innovations with “smart” equipment and programming, including Artificial Intelligence (AI). The Year 9 DIP program will allow students to engage with creating “smart” objects via devices such as the Raspberry Pi (tiny computers that students can learn to programme through practical projects). Once students are comfortable with the building blocks of Digital Innovations, they will proceed to their final project which will be based around building a sensor-controlled security system.

Year 10 - Cyber Technology

The Cyber Technology Program is a full-year program designed to introduce students to programming using the Python language. No prior experience is required as students will be taught the necessary basics of Python enabling them to complete the main project. This project will involve using creative design, problem-solving skills and the full potential of Raspberry Pi (tiny computers that students can learn to programme through practical projects) to produce a variety of different projects. Examples of projects include creating security surveillance systems with face recognition and programming and creating a remote controlled buggy. This course will include exposure to both computer hardware and software and students will put together solutions that use both. Students will also understand 4G and 5G connectivity so that they can build controllers that can wirelessly connect to their proposed projects.

Financial Education

Financial Literacy equips students with the skills, knowledge and capability to make well-informed financial decisions throughout their lives. These courses assist students to become responsible, confident and independent managers of money which will enable them to live, learn, work and contribute as active members of our community.

Year 9 - Money Matters

To be an active and productive participant in our community it is vital that students are prepared for a complex and fast-paced financial world. Students need to have a basic knowledge and understanding of financial organisations, how to use credit effectively and make wise investment choices. They will become confident in making sound financial and economic decisions.

Topics covered include:

- Banking, interest rates, exchange rates
- Savings, KiwiSaver, Risk vs Return, Investments and the Share Market
- Debt – credit cards, personal loans, Hire Purchase, Bank Overdrafts, Mortgages
- Understanding Income, payslips
- Taxation – PAYE, GST, RWT, Excise and Customs Duty
- Budgeting, preparing for your first job
- Property – renting vs owning, going flatting
- Insurance – House, Contents, Vehicles, Health and Life insurance
- Consumer Law and Financial Risk.

Students will have an opportunity to use a real-world Financial Education platform – Banqer High to build financial confidence.



Year 10 - Financial Education

The New Zealand Curriculum places high value on students having the skills and knowledge needed so that they can negotiate the increasingly complex financial challenges.

This full year course builds on the Year 9 Money Matters course developing students' knowledge, financial capability, and skills as well as having valuable financial acumen for the future.

An excellent foundation is set for students to progress to senior courses at Years 11, 12 and 13 where more detailed financial knowledge will be further developed in the Commerce subjects of Accounting, Business Studies and Economics.

There are three key aspects developed in this course:

Accounting

The language of business as it is the way to communicate the financial health of a business or community organisation or an individual so that economic decisions can be made.

Topics covered include: What is Accounting? Getting started in Business; Understanding and recording Assets, Liabilities, Income, Expenses and Equity; preparation and interpretations of financial statements

Business

How does the world of Business really work? We need passionate and driven entrepreneurs who know how organisations operate – what they do, choosing appropriate management styles and business strategies.

Topics covered include: The Economic Problem – linking Business with Economics; Understanding Business Activity – ownership structure, Business objectives and stakeholders; Entrepreneurship; Corporate social responsibility; Marketing mix and Market research; Plan, organise and implement a micro business activity.

Economics

Economics is concerned with the production, distribution, and consumption of goods and services. It studies how individuals, businesses, governments, and nations make choices about how to allocate resources.

Topics covered include: The Market – Supply and Demand; Types of Economies – Communism to Capitalism; Economic sustainability – climate change and resource depletion; Behavioural Economics – consumer psychology; Share Market – bubbles to bust – Tulip bubble to Global Financial Crisis



Performing Arts

Year 9

We are excited to present an exciting programme in the Performing Arts in year 9.

Students experience a variety of music, drama and dance learning with specialised teachers.

Students will gain confidence in performing and will learning leadership and team skills and extend their creativity and problem solving skills through the learning.

Students will get to have a taster of the various learning areas with a variety of engaging experiences.

- **Year 9 Rock Bands** working towards performances during the year incorporating learning – students will enjoy these hands on sessions working in small groups to create their own music as well as develop covers.
- **Year 9 Concert Bands** working towards The New Zealand Honours Band Festival at the Town Hall – Practical music making. Students with a knowledge of instrumental music will be advanced to a higher level in a working concert band environment developing ensemble skills and performing at events.
- **Year 9 Drama** working towards performances in this practical component to create and have fun with the performance art. Great for confidence building and convicting performances.
- **Year 9 Dance** working towards learning basic movement skills. Great for confidence, team skills and adaptability.
- **Year 9 Theory in Music.** This course will help develop the students' understanding of reading and interpreting music in a more traditional sense. Great for those looking to move forward in traditional music.
- **Year 9 Beat Making.** Students will be introduced to production side of music and develop own ideas in creative sound and beats. Great for students interested in DJ production and creation.
- **Year 9 Choral Music.** This course will help develop the changing male voice as tone and sight reading will introduce students to the exciting world of Choir Music in a classroom setting.

Year 10

Performing Arts Extended

Performing Arts Extended focuses on developing the drama and dance skills learnt in the Year 9 performing arts programme. Students will continue building their skills in the performing arts, enabling students to build confidence and performance skills. Students will undertake a variety of scripted and devised work and will learn to communicate and interpret ideas in drama. In dance and movement learning students will learn performance skills and skills for creating their own movement phrases.

Music

This course covers basic theory, ensemble performance, arranging and composing and prepares students with the skills and knowledge necessary to take music at higher levels. Students undertake a mix of theoretical and practical work.

The key components of the course include:

- Performance
- Composition
- Materials of Music
- Music Knowledge.

Music Performance Extension Class

This class is for students interested in pursuing Jazz Combo work and has a prerequisite of instrumental proficiency to a higher level.



Technology

Year 9

The Year 9 Technology course is designed to give students a real feel for Design and Technology. They will cover many different processes and learn valuable skills that will set them up for the following year – electronics, woodworking, metal work, sketching, and product design and many more. They will learn about New Zealand designers and the role they play in the world we live in.

During the course they will make a thirty-watt Bluetooth loudspeaker system involving many skills. They will do a comprehensive health and safety course to enable them to use all the machinery in the workshop.

This is a fast-paced, exciting course that will engage any student with an interest in how and why the things around them are designed and produced.

Year 10

Students will build on their Year 9 experience and learn many new skills. They will spend a full term on Design and Visual Communications including both Product and Architectural Design as well as working drawings and folio lay out. They will produce real products using a wide range of skills and materials. We will also teach the skills necessary to produce high quality presentations. The main design build product will be a bedside table with an inbuilt USB charging system, this will be augmented by an angle poise lamp that will be compatible with the table. Methods of analysing every day products will be part of the course, culminating in a design folio. The course is intended to build up the students' skills to enable them to gain top grades in the external examination in Year 11 and beyond. This is an exciting course that will appeal to anyone with an interest in how the things around are designed and built.



Core Subjects

English

Overarching aims

- Thinking
- Using symbols and texts
- Managing self
- Relating to others
- Learning how to learn
- Participating and contributing to community.

Source: NZ Curriculum

Year 9: Making and Creating Meaning

Aims

- To bridge the gap between middle school and senior school.
- Embed knowledge of, and revise, key spelling, punctuation, and grammar skills.
- Foster a love of reading and learning.
- To give opportunities for group work to encourage new friendships.
- To introduce key apps and use of the iPad to enhance learning.
- To support all students to reach a minimum Level 4 on the NZ Curriculum strands (Listening, Reading, Viewing and Speaking, Writing and Presenting) by the end of Year 9.
- To work in conjunction with the Learning Centre to meet the students' needs and best support their learning.
- To give students opportunities to fail yet encourage the use of a Growth Mindset in order to achieve these aims.

Year 10: Adventure

Aims

- To apply knowledge of grammatical skills accurately.
- To challenge students to read broadly, beyond their usual interests.
- To prepare students for the various assessments and examinations to come in year 11.
- To encourage students to use the iPad independently to enhance their learning.
- To support students to reach a minimum high level 5 on the NZ Curriculum strands (Listening, Reading, Viewing and Speaking, Writing and Presenting) by the end of Year 10.
- To work in conjunction with the Learning Centre to meet the students' needs and best support their learning.
- To stretch and challenge students to step outside of their comfort zone.





Physical Education and Health

The Physical Education and Health courses at Year 9 and 10 give students the opportunities to learn in, through and about movement and performance, alongside examining a broad range of health-related concepts. The course provides students with the opportunity to develop their physical literacy competencies in support of their overall wellbeing and lifelong participation.

Students will focus on the well-being of self, others and wider society, participate in a broad spectrum of physical activities and sports alongside studying theoretical topics centred around laying the foundations for studying Physical Education in Year 11 and beyond.

Main aims include:

- Developing a range of physical skills, techniques and competencies
- Understanding the importance and relevance of physical activity for health and wellbeing
- Learn to work effectively with others in varied settings
- Develop critical thinking and problem-solving skills
- Developing overall physical literacy
- Building confidence and competence in physical activity participation
- Develop knowledge and understanding surrounding key theoretical principles
- Prepare for further study or career pathways in Physical Education, Sport, or Health.

Practical activities may include but are not limited to:

- **Invasion Games** (Touch Rugby, Basketball, Lacrosse, Water polo)
- **Target Games** (Dodgeball)
- **Net/Wall Games** (Tennis, Badminton, Fives)
- **Athletic Development**
- **Striking Activities** (Softball, Cricket)
- **Athletics**
- **Swimming and Life Saving Skills**
- **Cultural Games** (Ki O Rahi, Gaelic Football, Kilikiti)

Theoretical topics covered may include but are not limited to:

- Interpersonal Skills
- Anatomy and Physiology
- Components of Fitness
- Methods of Training
- Biophysical Principles
- Motor Skill Learning & Improving Performance
- Socio-Cultural Factors
- Mental Health
- Sexuality Education
- Wellbeing.



Languages

Year 9 students must choose ONE language option.

Year 10 students may choose to continue with their language as an option subject.

Languages link people locally and globally. By learning a new language and studying the related culture, students are introduced to a new way of thinking about, questioning and interpreting the world and their place in it.

French

This course provides a strong framework for learning French and a foundation for future studies. French is spoken by over 200 million people in more than 40 different countries. Students learn to:

- Conduct basic and more developed transactions in French
- Talk about themselves and their families
- Express opinions and talk about a range of straight-forward topics.

OR

Latin

This course introduces students to the language, culture and history of the ancient Romans via the story of Caecilius, a citizen of Pompeii, and his family. By studying Latin, students will improve their knowledge and use of English as well as many other languages, develop their analytical and critical thinking, and gain a greater appreciation for the lasting impact of these significant people from the past.

Our junior course covers:

- Translation and comprehension of Latin language into English using simple vocabulary and grammatical structures
- Daily life, social customs and habits of the Romans in the 1st Century AD, and their relevance to our lives today
- Word studies looking at the Latin vocabulary which has provided the basis of more than 60 per cent of our modern English vocabulary
- Insights into the history of Roman civilisation including student research projects.

Year 9 classes focus on family life in Pompeii, as well as its destruction by Mount Vesuvius in the eruption of 79 AD. They also complete group projects exploring the relevance of Latin to modern society and archaeological techniques. Year 10 classes

build on this by learning about Roman Britain and aspects of life in a Roman province. The Roman military is a particular area of focus, with group research projects and a practical component where they become Roman soldiers themselves!

Students who did not take Latin in Year 9 may be able to pick it up in Year 10; please see Mr Jackson (TIC Latin) to discuss a catch up programme.

OR

Spanish

The aim of this course is to provide an opportunity to discover the rich language and culture of the Spanish speaking world. With more than 500 million Spanish speakers in the world, there will be plenty of chance of putting this knowledge into practice. This course provides a strong framework for learning Spanish and a foundation for future studies Students learn to:

- Conduct basic and more developed transactions in Spanish.
- Talk about themselves and their families.
- Express opinions and talk about their school, the place where they live and their country
- Hold basic conversations with other Spanish speakers
- Understand Spanish traditions and customs and habits.

OR

Te Reo Māori

This course is designed for students wishing to develop their skills in Te Reo Māori. This course will prepare students for senior courses of study in future years. Students learn to:

- Greet, farewell and acknowledge people
- Introduce themselves and others
- Communicate about a range of basic topics including possessions, likes and dislikes, weather and seasons, time, physical characteristics, personality and feelings.



Te Ao Māori

Year 9 introduces students to Māori language, culture and history. Students learn about Te Reo Māori and correct pronunciation and about key Māori concepts and cultural practices.

In Year 10 this topic builds on the Year 9 course, developing greater understanding of Māori language, culture and history.

Accelerated Mathematics

For selected students there is an accelerated pathway through to studying CIE Further Mathematics in Year 13. Students chosen for this programme will have outstanding mathematical ability and will be expected to continue with Mathematics through to the end of Year 13.

Year 9 students may opt in voluntarily to the accelerated mathematics programme which includes being part of the Maths Olympiad Club. In Term 3 there will be an exam, for Year 9 students who wish to take it, that will determine which students are able to continue in the Accelerated Maths Programme.

Mathematics

The Year 9 and Year 10 Mathematical Modelling and Problem-Solving course broadly follows the NZ and Cambridge Curriculum.

The course has the following overarching aims:

- To help students to develop a belief in the value of mathematics and its usefulness to them, to nurture confidence in their own mathematical ability, to foster a sense of personal achievement and to encourage a continuing interest in mathematics
- To develop in students the skills, concepts, understandings and attitudes which will enable them to cope confidently with the mathematics of everyday life
- To help students to develop a variety of approaches to solving problems involving mathematics and to develop the ability to reason logically
- To help students to achieve the mathematical and statistical literacy needed in a society which is increasingly technologically-oriented and information-rich
- To provide students with the mathematical tools, skills, understandings and attitudes they will require in the world of work
- To provide a foundation for those students who may continue studies in Mathematics or other learning areas where mathematical concepts are central
- To help foster and develop mathematical talent
- To instil a love of mathematics in our students through engaging and challenging tasks and by stressing the links with other subjects.

Religious Education

Religious Education reflects the College's commitment to the all-round education of our students. The course explores Christian values and ethics and helps to foster the culture of service encouraged at King's. Through this course students will also be introduced to philosophy and discuss some of the big questions with reference to contemporary and history's great thinkers.

In Year 9 there is an introduction to mainstream world religions and Anglicanism. Year 10 classes learn the value of 'reflection' by being involved with Community Service during class time and then discussing and evaluating the experiences they have. Year 10 classes also follow a course which explores the basics of the Christian faith. The classes allow students to engage with and research key biblical texts.



Science

Science is about creating testable explanations and predictions from scientific knowledge about the world and universe around us. The ability for a student to arrive at conclusions and make judgements through testing, problem-solving and collaboration will be helpful throughout their adult life.

At this level science is taught by subject specialists in Biology, Physics and Chemistry. Students in Year 9 and Year 10 study each of the scientific disciplines, in turn, over the course of the year and receive subject-specific instruction. We believe this offers the very best preparation for students as they enter the Senior School and further their science education.

Biology

In Biology at Year 9 students will investigate:

- New Zealand fauna and flora
- The ecology of New Zealand – looking at study and conservation of the College's streams
- Variation, adaptations and natural selection, including an introduction to simple Mendelian genetics.



The Year 10 Biology course provides an excellent introduction to human anatomy and physiology. The course covers six topics:

- Cardiovascular system
- Co-ordination
- Digestion
- Human reproduction
- Microscope and cells
- Reproduction in flowering plants.

The Year 9 and 10 Biology courses lay the foundation for studying IGCSE Biology or IGCSE Marine Science in Year 11.



Chemistry

In Chemistry at Year 9 the course covers 16 key topics which introduce students to the basic ideas, concepts and techniques they need as a foundation for this subject. The topics covered are:

- Chemistry as a science
- States of matter and changes of state
- Laboratory rules and etiquette
- Hazard symbols
- Properties of pure substances – physical and chemical
- Laboratory equipment
- Experimental chemistry
- Scientific method and deductions
- The candle experiment
- The elements
- Chemical names and formulae
- Mixtures and separations
- Chromatography
- Chemical changes
- Water
- The atmosphere.

The Year 10 course ensures students are well-prepared for Chemistry at the next level, which will be the Cambridge curriculum pathway. The course covers nine topics:

- Introduction and a review of Year 9 material
- Atoms and atomic structure
- Periodic table
- Bonding
- Writing formulae, ionic and molecular
- Writing balanced formula equations
- Types of reactions
- Properties and reactions of simple acids with metals and bases
- Salts.

Physics

At Year 9 students concentrate on four main topics:

- **Home electricity** – an introduction to electrostatics and circuits with inquiry projects that enable the student to understand home electricity and power generation
- **Magnetic effects** – how magnets and electromagnets influence our lives
- **Forceful effects** – an investigation of the origins of force and how they apply to objects in motion.
- **Climate change** – investigation into the drivers of climate change and how society can make some changes to improve the future outlook.

The Year 10 course builds on the previous year and further develops understanding of physics with four topics:

- **Measurement and experiments** – introduction to the scientific method of gathering data and looking at relationships
- **Extended forces and motion** – dynamics of flight, pressure and levers are investigated in depth
- **Extended electronics** – further work in electricity extending into basic electronics
- **Thermal physics** – introduction to thermal physics with investigations into thermal properties of materials.

Social Studies

In Social Studies students learn about the world around them and are given an understanding of important contemporary and historic issues. Social Studies students gain an understanding of differing points of view and develop their own clear, critical thinking. This course provides a good foundation for later studies in Art History, History and Geography.

At Year 9 students investigate the following topics:

- **King's Unit** – students gain an understanding of what it means to become a member of their House and part of the King's College community
- **19th Century History of Aotearoa** – this topic focuses on the interaction between Māori and Pakeha up to the 1870s, the end of the New Zealand Wars. The main areas of focus for this topic include: early contact, the Treaty and its legacy, the Māori King movement, New Zealand wars and contemporary issues
- **Kiwiana** – this topic examines formal and informal aspects of New Zealand 'Kiwi' identity. It also examines NZ Climate, NZ Tourism, Plate Tectonics Theory and NZ Extreme Natural Hazards (Case Study: Tarawera Volcanic Eruption or Christchurch Earthquake, as related to Plate Boundary activity)
- **The rise of Hitler and the Nazi State** – this unit examines fascism and its growth in Europe through the 1920s and 1930s, comparing it with the system of government in New Zealand.

At Year 10 students investigate the following topics:

- **Cold War** – this topic attempts to examine the reasons for the divisions between East and West after 1945, focusing on specific events in the period up to 1951
- **Global Population** – this topic examines growth of Global Population over time and the sustainability of population growth
- **Cold War Global Crisis** – this topic examines the cause, sequence of events and consequences of the Cuban Missile Crisis and the Korean War or the Vietnam War
- **Global Issues** – this topic examines how past events have created a number of global issues that have grown in significance over the second half of the 20th Century (eg Global Warming, Terrorism, Development Inequalities etc)
- **Local Area Study** – this topic examines the Geography and History of the Auckland region along with a more specific study of South Auckland Landuse patterns and an investigation into Auckland's diseconomy of scale.






Sports Development Programme

Students in Year 9 and 10 can apply to be part of the Junior Sports Development Programme.

The emphasis of the Sports Development Programme is on learning “how to train” followed by “training to train”. The idea behind the programme is to provide students with the building blocks of fundamental movement and foundational sports skills including strength, conditioning, technique and understanding. This foundation will lessen the risk of injury, and prepare their body and mind to train at a higher level of intensity and complexity that will allow them to perform at a higher level later on.

Participants will undertake regular physical assessments over the course of the programme. The assessments will generate valuable data allowing students to gain insights and understanding of the physical and physiological changes that they will experience. The results will also provide powerful analytics that the programme staff will use to track changes and measure development and improvements over time.



“Our Adventure Challenge programmes have been developed to give the students a better understanding of themselves and other people. Students come away with improved personal confidence and initiative, resilience and self-reliance, and the ability to work in a team.”

Year 10 Adventure Challenge

All Year 10 students participate in the Adventure Challenge – an 18-day outdoor education programme which takes them away from home and school. The Adventure Challenge provides educational and character development experiences for our students which advance personal responsibility, health and well-being, community, leadership development, civic engagement and stewardship for King’s College.

The Adventure Challenge includes time spent at:

- **Ahuroa:** King’s College Adventure Camp in Puhoi (7 nights)
- **Steinlager II:** Sir Peter Blake’s 85-foot maxi yacht (3 nights)
- **Tongariro National Park** (8 nights).

During the Adventure Challenge students will take part in a wide range of outdoor activities which can include tramping, swimming, kayaking, bush craft and bush survival, camping, orienteering, navigation, ropes course, compass courses, abseiling, initiative exercises, solo experience, problem-solving and trust exercises, sailing, snorkelling, rock-climbing, canoeing, confidence course activities, tubing, caving, snow skills and river walking.

Leadership opportunities are provided for students to develop judgement and decision-making, giving and receiving feedback, bystander intervention skills, creating effective learning sequences and learning how to be challenged and how to positively challenge others.





HE LIVED A LIFE
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CIVILIZATION



CHARLES THOMAS
MAJOR
GRADUATE, M.A. B.S.
1869 - 1938
HEADMASTER
SCHOLAR
SOLDIER



Golf Avenue | PO Box 22012 | Ōtāhuhu | Auckland 1640 | New Zealand
P +64 9 276 0600 | F +64 9 276 0670 | www.kingscollege.school.nz