



JHC

JAMES HARGEST COLLEGE KEEP FAITH



Year 10 Subject Outlines 2027



YEAR 10

YEAR 10 STUDENTS 2027

1. All students must take English, Health and Physical Education, Mathematics, Science, and Social Sciences. These are all full year courses.
2. All students must select one Arts course and one Technology course. Their third and fourth choice can be from any of the Arts, Technology and Language options choices (pages 3 - 10). These are semester-based courses.
3. Please check Entry Requirements carefully.
4. You might like to check out the Senior Subject booklets on our website as part of your future planning:
<https://www.jameshargest.school.nz/subjects/>
5. Once you have made your selections, these can be entered via the Kamar portal:
<https://jameshargest.school.kiwi/> (and look for the Course Selection option in the menu)

** Students studying in the Cambridge class at Year 10, once this is determined, will only choose two optional subjects alongside their IGCSE subjects.

Year 10

Compulsory Subjects

English	1
Health and Physical Activity	1
Mathematics	1
Science	1
Social Sciences	2

The Arts - must choose ONE

Dance	3
Drama	3
Music	3
Musical Theatre Technologies	4
Te Ao Haka	4
Visual Art	4

Languages

ESOL	5
------	---

Literacy	5
French	5
Japanese	6
Spanish	6
Te Reo Māori	6
Technology - must choose ONE	
Digital Technologies	7
Architecture and Product Design	7
Hard Materials Metal Skills	8
Hard Materials Wood Skills	8
Catering for Everyone	8
Food is Fuel	9
Love Fashion	9
Creative Product Design with Textiles	9
Musical Theatre Technologies	10

COMPULSORY SUBJECTS

English

Course Description

Analysis of grammar and language is an essential part of the programme. Plus, because we live in a media age, you will study film, advertising and visual language. However, the skill you will practise most is reading, because it is essential for every subject you take.

Health and Physical Education

Course Description

Year 10 Health & Physical Education builds on work completed in Year 9 and takes a more game/sport centred approach to physical activity. Year 10 sees the inclusion of teaching opportunities to classmates in practical and theory aspects of the course. Health Education considers Hauora, Decision Making, Drug Education and Sexuality Education. In Physical Education the broad themes include Movement, Invasion, Striking, Theory, Risk & Challenge, and Social Responsibility through a variety of game based contexts.

Mathematics

Cost

Homework and workbooks approximately \$10

Course Description

The Year 10 Mathematics course aim to extend students with the, non-calculator and calculator mathematical skills, understanding and attitudes they will need in a world which is becoming increasingly orientated towards technology. An emphasis on numeracy and algebraic skills helps students to cope confidently with the increasingly complex mathematical requirements of everyday life.

Science

Cost

Workbook \$25

Course Description

Step into Year 10 Science and unlock the mysteries behind how our universe, planet, and bodies actually operate! You will dive into chemical bonding and dynamic reactions like combustion, while untangling the powerful physics of waves, fluid pressure, buoyancy, and acceleration. Journey deep into Earth's macro-level mechanics by decoding plate

tectonics and the water cycle, then turn the lens inward to discover how genetics shape our traits and how nervous control keeps our bodies in balance. Packed with compelling concepts, this course connects abstract science to the powerful, real-world forces all around us.

Social Sciences

Course Description

Year 10 Social Studies allows students to increase their knowledge of the world - both current and historical issues, as well as developing a greater understanding of New Zealand society. Students will be challenged to think clearly and critically about how societies work, and to explore different values and viewpoints.

This is what Social Sciences is about: PEOPLE!

- The places they live.
- The events they have been part of.
- The decisions they have made; or are making now, and how they affect us all.

Year 10 Social Studies leads onto the following subjects in Years 11-13:

- Geography
- History
- Classical Studies
- Tourism
- Economics
- Accounting

THE ARTS

Dance

Entry Requirements

Year 9 Dance or prior experience.

Cost

\$10 Dance Workshops/Trips

Course Description

Year 10 Dance builds on students' foundational skills in choreography and performance. Students will refine performance techniques, manipulate dance elements to communicate themes, and evaluate how social, historical, and cultural contexts shape choreography and genre.

Drama

Entry Requirements

Open Entry.

Course Description

In Year 9 and 10 students will develop the 8Cs of Drama: Creativity; Confidence; Communication; Compassion; Culture; Collaboration; Critical thinking; and Challenge.

Music

Entry Requirements

Students should have a basic level of playing an instrument (including voice) and motivation to practice regularly.

Course Description

The Year 10 music course builds core practical and theoretical foundations, guiding students through songwriting, music theory and hands-on group performances of selected songs. Throughout the course, students explore specific periods in music history and analyse how music functions across social contexts. By integrating songwriting, and live performance, students learn to develop original ideas, interpret expressive works, and share their music with the class. Note that students need to be learning an instrument/voice either through the school itinerant system, Out of School Music Classes (OSMC) or private lessons to take this subject.

Musical Theatre Technology

Entry Requirements

Open entry, but some experience in Music, Drama, and Dance is preferable.

Cost

\$30

Course Description

In this hands-on course, students will bring multiple elements of musical theatre to the stage while mastering both performance and stagecraft. Students will take on acting and singing roles alongside key technical production responsibilities. Including sound engineering and lighting design, students will apply digital technologies and hands-on design skills in order to bring a piece of musical theatre to life.

Te Ao Haka

Entry Requirements

Open entry, but Year 9 Te Ao Haka would be preferable.

Course Description

Te Ao Haka in Year 10 further develops the performance skills of rangatahi. Taurira will also continue to learn about the whakapapa of te ao haka through the disciplines that make up a kapa haka bracket, whakaeke, mōteatea, waiata ā-ringa etc. They will also learn about key people who have influenced some of these disciplines.

Visual Arts

Entry Requirements

Open entry, but Year 9 Visual Art would be preferable.

Cost

\$45 Art pack and project costs.

Course Description

Art students will be involved in making artwork through a range of practices across drawing, sculpture, design, painting, printmaking, photography and digital art.

Artists are sometimes studied to help understand techniques and styles of Art.

Students are assessed on practical knowledge, and developing ideas.

LANGUAGES

ESOL - English for Speakers of other Languages

Entry Requirements

Year 9 ESL (and / or at the discretion of the HOD)

Course Description

This course is designed for Y10 students for whom English is a second language. It will focus on literacy and numeracy for Level 1. There is an emphasis on writing, reading and understanding word Maths questions.

Literacy

Entry Requirements

Open entry for those who find reading and writing challenging

Course Description

This course is designed to support students who find reading and writing challenging, specifically in building their skill set and confidence for the Common Assessment Activities (CAAs) in Reading and Writing which they will sit as Year 10 students. It will cover a range of focusses, including the writing process, generating ideas, developing and elaborating upon ideas, sequencing ideas, unpacking questions to determine the purpose and audience and consider how that will shape the text, reading to understand meanings of words and ideas, comprehension strategies, and processes for reading texts for meaning.

French

Entry Requirements

Year 9 French Starter Kit (and / or at the discretion of the HOD)

Course Description

Unlock the French-speaking world through real hands-on experiences, delicious food, and interactive culture! Designed for beginner to emerging speakers, the Y10 French course moves beyond the page to help you talk about your life, connect with others, and discover the vibrant traditions of French-speaking communities worldwide.

Japanese

Entry Requirements

Year 9 Japanese Starter Kit (and / or at the discretion of the HOD)

Course Description

Built for beginner to emerging speakers, Year 10 Japanese brings the language to life through interactive culture, delicious food, and hands-on experiences. You'll learn to talk naturally about your life, connect with others, and discover the vibrant traditions of Japan. While studying, the students study all three of the alphabets in the Japanese writing system. This includes the hiragana and katakana scripts and thirty-three kanji.

Spanish

Entry Requirements

Year 9 Spanish Starter Kit (and / or at the discretion of the HOD)

Course Description

Year 10 Spanish continues to develop every language skill—speaking, listening, reading, and writing. Taste the culture, dive into hands-on traditions, and gain the confidence to share your story, navigate daily conversations, and connect across the Hispanic world. Spanish is the second most spoken language in the world. Spanish is spoken not only in Spain but also in more than twenty countries in Latin America and in southern areas of the United States.

Te Reo Māori

Entry Requirements

Year 9 Te Reo Māori (and / or at the discretion of the HOD)

Course Description

In Year 10, explore Te Ao Māori through kai, traditional arts, and interactive activities. Talk confidently about your daily life and interests and build language skills designed for beginner and emerging speakers ready for authentic connections.

TECHNOLOGY

Digital Technologies

Entry Requirements

Open Entry

Course Description

This course builds on the Year 9 Game On and Explore, Create, Innovate (media) courses, taking your skills to the next level—though all new students are very welcome to join! You'll work with professional software including Adobe Photoshop, Illustrator, Animate, HTML/CSS, Microsoft Access, Excel, and the Godot Engine.

What you'll do: Edit photo assets, create custom vector graphics, bring characters to life with animation, build games from scratch, code interactive websites, and handle real-world data like a pro. Learn how logic, design, and data come together to create modern software!

Key Projects:

- Vector Design – Create custom game assets, logos, and graphics using Adobe Illustrator.
- Photoshop – Create posters, banners, animation, and visual graphics for web and print.
- Animation – Bring stories and graphics to life through digital and character animation.
- Websites – Plan, design, and code your own responsive website using HTML & CSS.
- Game Development – Design levels, program mechanics, and bring interactive worlds to life in Godot.
- Data & Spreadsheets – Master Microsoft Excel to analyse trends, calculate data and create graphs.
- Databases – Build and query structured databases in Microsoft Access to manage information, merging databases with Microsoft Word.

Skills you'll gain: Programming logic, game development, photo editing, 2D animation, vector illustration, database management, web design, and data analysis.

Architecture and Product Design

Entry Requirements

Open Entry.

Cost

\$15 for a Drawing Pack made up of:
Staedtler watercolour pencils (12)
A3 drawing pad
A3 Drawing Wallet
1B8 ruled exercise book

Course Description

Students will learn essential sketching techniques to design both a product and an architectural structure. Using CAD software, they will produce virtual 3D models and working drawings before constructing a physical 3D model of their final design.

Hard Materials Metal Skills

Entry Requirements

Open Entry.

Cost

Course Description

This project-based course introduces you to the basics of modern metalworking. Learn to design in 3D CAD, cut with a high-tech CNC Plasma machine, and assemble using MIG welders and traditional workshop hand tools. Design it, cut it, weld it, and take your own custom project home!

Hard Materials Wood Skills

Entry Requirements

Open Entry.

Cost

Course Description

Design, cut, and build your own shelving unit. This course blends traditional construction methods with modern CNC technology. Learn to turn your ideas into reality using a CNC router or laser cutter to manufacture and personalise your design. Perfect for anyone looking to combine design and drawing skills with hands-on construction.

Catering for Everyone

Entry Requirements

Open Entry.

Cost

\$120 Food consumed/taken home

Course Description

Get ready to roll up your sleeves, unleash your inner chef and dive head first into the ultimate culinary adventure. By the end of the unit you will be whipping up customised, jaw dropping dishes to prove special diets can still be absolute crowd pleasers.

Food is Fuel

Entry Requirements

Open Entry.

Cost

\$120 Food consumed/taken home

Course Description

Food is our fuel for life and wellbeing. This semester gives students a wonderful opportunity to be creative, problem solve, share ideas and undertake product development in a food context. Develop your own innovative recipes and food products that are super tasty. Explore ways to transform quality ingredients into delicious creations for a variety of occasions.

Love Fashion

Entry Requirements

Open Entry.

Cost

\$15 Materials supplied for take home projects

Students will be advised of fabric requirements for projects

Course Description

Forget boring, off-the-rack clothes that never fit right or look like everyone else's. Learning to sew and design your own gear is the ultimate creative flex—it's like turning your bedroom into a high-fashion studio where you call all the shots.

Creative Product Design with Textiles

Entry Requirements

Open Entry.

Cost

\$40 Materials supplied for take home projects

Students will be advised of any other fabric requirements for projects

Course Description

Turn plain fabrics into custom, one-of-a-kind fashion, room decor, and accessories. Invent your own fabrics from scratch using raw fibres and colourful yarn. Mix colours, print and stitch images onto fabrics and items. Bring your wild ideas to life and create stuff you'll actually want to show off.

Musical Theatre Technologies

Entry Requirements

Open entry, but some experience in Music, Drama, and Dance is desirable.

Cost

\$30

Course Description

In this hands-on course, students will bring multiple elements of musical theatre to the stage while mastering both performance and stagecraft. Students will take on acting and singing roles alongside key technical production responsibilities. Including sound engineering and lighting design, students will apply digital technologies and hands-on design skills in order to bring a piece of musical theatre to life.