

YEAR 10 LEARNING AREAS

English - Health & Physical Education -
Mathematics - Science - Social Sciences -
Technology - The Arts - Learning
Languages

All Year 10 students study the following:

- ✓ English
- ✓ Health & Physical Education
- ✓ Mathematics
- ✓ Science
- ✓ Social Studies

All students study one more subject from each of the following learning areas:

- ✓ Technology
- ✓ The Arts

All students study another subject from any one of the following learning areas:

- ✓ Learning Languages
- ✓ Media Studies
- ✓ Social Sciences-Economics & Enterprise Studies
- ✓ Technology
- ✓ The Arts

Or, by invitation

- ✓ Junior Enrichment & Extension
- ✓ Junior Sports Development

YEAR 10 FULL YEAR COURSES

ENGLISH

English is all about communication and language, enjoying and studying oral, written and visual texts.

Students will become increasingly skilled speakers and listeners, readers and writers, presenters and viewers.

There are three thematic based modules and four Common tests throughout the year, and an end of year exam.

CONTACT PERSON: Mrs R Jamieson

HEALTH & PHYSICAL EDUCATION

The emphasis of the Year 10 PE programme is to begin the process of empowering our students to make lifelong decisions in regard to personal fitness, lifestyle and recreational choices, through the introduction of a variable programme of learning.

We have elected to present to our students a choice of contexts in which they might learn and we offer them the opportunity to demonstrate competency in the transference of these skills and strategies to other contexts to demonstrate learning e.g. Topic: Invasion Games (Field); Context: Rugby/ Lacrosse/ Soccer/ Aussie Rules.

In Physical Education are leisure games, aquatics, athletics, striking sports, indoor games, adventure based learning, sports education, invasion games, movement, indoor game, minor games and fitness.

Health education is taught in conjunction with Physical Education in the form of two week blocks of learning. The units of work presented in Year 10 Health are Connected (Social Media/Cyber Safety), Hauora, Drug Awareness, Positive Relationships, Nutrition & CPR.

CONTACT PERSON: Mr H Uivel / Miss S Hayman

MATHEMATICS

This course consolidates, explores and develops content and processes from Levels 4 and 5 of the New Zealand Curriculum. Content from Number, Measurement, Geometry, Algebra and Statistics strands is presented within a range of meaningful contexts.

CONTACT PERSON: Mr S Achary or Mr D Hall

MATHEMATICS ENRICHMENT COURSE

About 60 students in Year 10 will be selected from their Year 9 performances in Maths, in consultation with their teacher, to join this course. This will be an enrichment programme and is designed for enriching and nurturing interest and talent in Maths. Opportunities are also offered to take part in Australian Maths and Otago University Junior Maths Competitions.

Students who are working at level 6 or above of the Mathematics Curriculum and show the Relational & Extended Abstract levels of the SOLO framework may be offered the following NCEA Level 1 Achievement Standards:

Internal Standards (Optional)

AS91026: Number (4 credits)

AS91029: Linear Algebra

***External Standards (Optional)**

AS 91027: MCAT algebra (4 credits)

AS 91031: Geometry and Trigonometry (4 credits)

AS 91028: Patterns and Graphs (4 credits)

AS 91037: Chance & Data

The above standards will be offered to students in consultation with the class teacher, and their recommendation

*If external standards are entered, an NCEA fee of \$76.70 will be incurred plus costs for revision materials depending on the number of standards the student is doing.

COURSE COSTS: Approx. \$25 for Education Perfect and an extra \$20 for competitions

CONTACT PERSON: Mr S Achary or Mr D Hall

SCIENCE

Learning in Science is fundamental to understanding the world in which we live and work.

This course continues to develop the skills and attitudes that have been introduced at Year 9 through the broad learning contexts of the:

- Nature of Science
- Living World
- Physical World
- Planet Earth and Beyond
- Material World

Within these learning contexts students will study topics such as Atomic Science, Acids

and Bases, Metallurgy, Forces and Motion, Earth Science and Geology, Electricity, Genetics and Evolution, Medical Science, Fuels and Climate, and scientific investigations leading to submitting a Science Fair experimental project.

In the study of these topics students will be given opportunities to develop their scientific skills and attitudes as well as being made aware of the nature of science and its relationship to technology.

COURSE COSTS: \$23 for a write-on format student workbook; \$8 for ICAS Science exam (optional)

CONTACT PERSON: Mr C Taylor

SOCIAL SCIENCES

SOCIAL STUDIES

Social Studies is about how societies work and how people can participate as critical, active, informed, and responsible citizens. Contexts are drawn from the past, present, and future and from places within and beyond New Zealand. Students will use a range of important skills, such as communication, numeracy and problem-solving skills. They will also develop the ability to self-manage and work collaboratively with others. Year 10 students explore the idea of the Past to Present using concepts such as sustainability, human rights, and the Treaty.

CONTACT PERSON: Mr J Khan & Mr R Cox

LEARNING LANGUAGES ARE FULL YEAR COURSES

LEARNING LANGUAGES

FOUNDATION ENGLISH (EF) - by invitation

This course is designed to meet the English language learning needs of students who are working at foundation and stage one levels of The English Language Learning Progressions (ELLP).

The aim of the course is to help students move, when they are ready, into a limited range of mainstream subjects. Topics have been chosen to aid this transition to mainstream subjects.

Students are provided with individualised programmes within the course framework to build on their strengths and support their English language learning needs across the four skills areas of reading, writing, listening and speaking. The EF Programme recognises the importance of learning high frequency vocabulary and regular time is spent on this. Subject specific teachers from Maths and Science also teach the students in the EF classroom.

CONTACT PERSON: Ms S Weiss

ENGLISH LANGUAGE LEARNING (10ELL)

This English Language Learning option class is designed to meet the English language learning needs of Year 10 students from a range of language and cultural backgrounds. Most of the students are also in mainstream subjects, including English.

The students with lower language proficiency also receive ELL support in the school's English Foundation class.

The course is designed to ensure that the students develop familiarity with the topics, text and task types they will encounter in mainstream New Zealand classrooms. It also aims to improve the students' English listening, speaking, reading, writing and vocabulary levels.

CONTACT PERSON: Mrs U Bonning

FRENCH (10FRE)

Students continue to develop their skills in speaking, listening, reading and writing using a wide variety of tasks, authentic resources and digital tools. As well as learning about French culture they will learn how French is used around the world. Topics include:

Talking about Yourself, School, Where you Live, Food, Holidays, Shopping, Sports, Interests, French Films and Music. Although it is a continuation of the Year 9 course, it is possible for motivated students to begin at this level.

CONTACT PERSON: Mrs S Collett

JAPANESE (10JAP)

Students continue to develop their language skills in reading, writing, speaking and listening while they learn about the Japanese school life and some other aspects of life in Japan. The main learning objective of Year 10 Japanese is to be able to recognise, ask about, and talk about self and the immediate environment such as family, friends, and school. It is essential that students who want to study this course be proficient with the Hiragana script. However, it is possible for motivated students to begin at this level. In Year 10, students will learn the Katakana script and a few more Kanji (Chinese characters). Cultural trips to Hamilton and Auckland may be organised.

CONTACT PERSON: Ms F Akiyama

MANDARIN CHINESE (10MAN)

The teaching of Chinese at this level is aimed at the development of the four communicative language skills: listening, speaking, reading and writing, and, with the aid of special topics, some understanding of the traditional and contemporary ways of life. Students study the following topics: Family, Describing themselves and Others, Home, Leisure-time, Sports, TV/Video/Films/Music, Food (Eating Out), Shopping/Clothing/Fashion Parade, Health.

CONTACT PERSON: Mrs C Howard-Shi

SPANISH (10SPA)

The teaching of Spanish at this level is aimed at the development of the four communicative language skills: listening, speaking, reading and writing, and, with the aid of special topics, some understanding of the Hispanic way of life. Students study the following topics: Family, Describe Themselves and Others, Home, Leisure-time, Sports, TV/Video/Films/Music, Food (Eating Out), Shopping/Clothing/Fashion Parade, Health.

Special topics: The Spanish World (geographical review), Spain and the Discovery and Conquest of America, Family in the Hispanic World, Housing in the Hispanic

World, Festivals in the Hispanic World and Music, Animals Native to Latin America.

CONTACT PERSON: Ms A Danzeisen

TE REO MĀORI (10MĀO)

Year 10 Māori continues on from the Year 9 course. Students wishing to study Te Reo Māori in Year 10 must either have completed Year 9 Māori or have obtained the consent of the HOD Māori. This course further develops student's skills in speaking, listening, reading and writing. Topics studied include: sports, food, work around the house, meeting people and leisure activities.

Students are given the opportunity to do the following NCEA Unit Standard:

US7261 Whakamāramatia ngā whakawhitinga kōrero māmā (5 credits) towards the end of the course. This has proved highly successful in this program and it gives students the opportunity to experience the work conditions and expectations of NCEA Level 1 as they prepare themselves for Year 11.

CONTACT PERSON: Matua Walker

SOCIAL SCIENCES

ECONOMICS AND ENTERPRISE (10EES) - Full year course only

This course begins by focussing on the economy and the relationships between the different parts of it. The emphasis of this course is on enterprise studies where students study enterprising people (looking at how they have made their millions) and in groups run a small enterprise, producing, marketing and selling a product while keeping financial records. It enables students to discover whether they have the qualities needed to be a business person and meet the demands of running a business. This course also covers the issue of corporate social responsibilities of businesses.

CONTACT PERSON: Ms M McKnight

MEDIA STUDIES (10MESS) - Semester course

This is a semester Media Studies course with a focus on understanding the superhero genre with its conventions, issues with character types and as a franchise. Students will learn about the techniques, the consequence of representations of groups/cultures/genders in advertising. Students apply this knowledge to planning and creating their own television advertisement in small groups. Students will develop media literacy and critical thinking skills. This course is a mix of theory and practical work.

COST: \$5

CONTACT PERSON: Mrs L Stratford

THE FOLLOWING ARE FULL YEAR AND/OR SEMESTER COURSES

TECHNOLOGY

DESIGN & VISUAL COMMUNICATION (10DVC & 10DVCS)

This course builds upon the knowledge from the year 9 course. Students will further develop their knowledge of the principles

and elements of design, and extend their ability to apply a design process to solve product, system, and environmental design problems.

Aspects of the course include:

- Presentation techniques, sketching techniques, rendering, principles of design, application of the design process, using design briefs and model making.

Topics may include:

- Drawing Skills
- Product Design: Wearable gadget branding and modelling
- Architectural Design: Interior spaces

COURSE COSTS: \$25 subject fee (full year) or \$10 subject fee (one semester). Students are required to have their own pad of plain A3 paper.

CONTACT PERSON: Miss S Oehley

DIGITAL TECHNOLOGIES MEDIA (10DTM & 10DTMS)

The aim of this course is to prepare students for NCEA Digital Technologies courses in Digital Media.

Digital Technologies Media is designed for students with a creative interest in Digital Media and Digital Technologies. This is a half year and a full year option. Students learn to use a variety of software for different design purposes including:

- Develop graphic designs for Identity & Publications
 - Develop a website of your choice using HTML and CSS.
 - Use animation and multimedia software.
- Students also develop essential decision making skills based on researching, planning, consulting stakeholders, developing ideas, testing and evaluating as part of the projects they undertake.

The three key strands from the Technology curriculum are explored in detail and learning objectives from each strand are assessed.

COURSE COSTS: \$10 (For printing)

CONTACT PERSON: Miss C Bourke

DIGITAL TECHNOLOGIES PROGRAMMING (10DTP & 10DTPS)

The aim of this course is to prepare students for NCEA Digital Technologies courses in Programming and Computer Science- Digital Technologies Programming is designed to extend experienced computer enthusiasts interested in software design and problem solving. Students learn how to use a range of software for different purposes including:

- Technological Systems
- Robotics
- Vector & Bitmap Graphics
- Modelling and Animation
- Programming

Students also learn to research, plan, consult stakeholders, develop ideas, test and evaluate as part of projects they undertake.

The three key strands from the Technology curriculum are explored in detail and learning objectives from each strand are assessed.

COURSE COSTS: \$10 (For printing)

CONTACT PERSON: Mrs K Langman

MATERIALS TECHNOLOGY- FABRICS (10MTF & 10MTFS)

This is a practical-based course involving fashion design, garment construction and craft projects.

No previous Materials Technology Textiles knowledge is needed, just enthusiasm and an interest in textiles fashion & design.

Skills in design folio work and the use of materials and appropriate equipment will be developed through practical work. During the course, students have the opportunity to design and construct a variety of projects

Costs relate to materials used.
CONTACT PERSON: Miss A Wells

FOOD TECHNOLOGY AND NUTRITION (10FNT & 10FNFS)

This is a practical based course which focusses on developing students' knowledge of food, nutrition and technology. Students will prepare, cook and serve a variety of food using a range of recipes and skills. The topics studied include food safety, meal planning, teenage nutrition, and product development.

COURSE COSTS: (covers all food) \$40.00 half year, \$80.00 full year

CONTACT PERSON: Mrs S Paris

ELECTRONICS (10ELT & 10ELTS)

This course follows on from Year 9 electronics. Students who have not studied electronics in Year 9 may study this course after consulting with the TIC. The practical components of this course enable students to learn about components and how to design and build circuits. A charge will apply.

CONTACT PERSON: Mr M Gilliver

MATERIALS TECHNOLOGY -Semester courses

- **WOOD (10MTWS)**

- **METAL (10MTMS)**

This subject can be picked up at Year 10 although prior experience is an advantage. Students learn to follow the design process and develop outcomes in response to a brief. There is an emphasis on designing outcomes that are suitable for an intended use, as well as developing practical skills using a range of materials and equipment to complete a chosen outcome.

Student will also learn various aspects of the technology curriculum which supports their classroom practice and helps develop a deeper understanding of technology in the modern world. Costs relate to materials used.

COURSE COSTS: \$40

CONTACT PERSON: Mr B McDonald

THE ARTS

ART (10ART & 10ARTS)

This course aims to develop student's practical art skills and creative thinking. Students may study Art for the full year or one semester (two terms). Students are encouraged to explore their creativity through painting, drawing, printmaking, sculpture and design. The full year course is best suited for those students who show a high level of artistic ability and commitment as Level 1 NCEA credit opportunities are offered in the second semester. Either of the 10Art courses are pre-requisites for Level 1 Visual Painting or Level 1 Photo/Design.

COURSE COSTS: \$25.00 full year/\$15.00 half year

CONTACT PERSON: Mrs R Hickman-Elder

DRAMA (10DRA & 10DRAS)

Year 10 Drama allows students to experience different kinds of drama, the end point of each being a live performance. The course includes improvisation, mime, physical theatre, devising and stage drama (culminating in an evening performance of comedy) and study of theatre through the ages as a final unit. Students will explore and develop their creativity, gain confidence in public presentation and develop skills in working co-operatively. Although previous experience in drama is not essential, a willingness to participate and work positively with others is expected.

COSTS: Performance \$5.

CONTACT PERSON: Mrs S Binks

MUSIC (10MUS) - Full year course

This course aims to develop students' performance and composition skills while extending their understanding of musical concepts through musical knowledge and developing their theory and music technology skills. Students are taught and encouraged to use music computer technology, and they are given the opportunity to be involved in the orchestra, rock bands and jazz band. The opportunities for students to engage in a music career both while in school and as a career after leaving school alongside other student career interests are developing exponentially and the Hillcrest music department are excited to provide the context and foundation for this to take place. This course, which is for the full year, is a pre-requisite for students intending to study NCEA Music L1. As a pre-requisite for studying NCEA Music is performing on an instrument, it is recommended that students taking this course learn an instrument during this year.

CONTACT PERSON: Mr M Cook

MUSIC (10MUSS) - Semester course

This is a one semester music course [two terms] with a focus on performance and developing understanding of musical elements and features of songs. Students are taught to use music computer technology to compose, produce and distribute their own songs and pieces. Students will learn about different styles of music including contemporary, classical and the Blues.

Students will develop their theory skills and engage in performance music as part of a class band and solo performance.

CONTACT PERSON: Mr M Cook

MUSIC ACCELERATED COURSE (10MUC) - Full year course

This is an alternative course which a small group of Year 10 students will be invited to participate in. It is a programme for students who have already attained a high level in performance music and wish to extend their opportunities and develop their musicianship. This is a Level 1 NCEA course, the students will be undertaking the following NCEA standards and will need to pay associated fees.

AS 91091: Demonstrate Ensemble skills through performing piece of music as member of a group.

Students will develop and extend ensemble performance skills through regular rehearsals and instruction from itinerant and classroom teachers. Students will learn important ensemble skills including, dynamic control, ensemble awareness and artistic interpretation of the chosen piece.

AS 91090: Perform two pieces of music as featured soloist. Solo performance is a vital part of the students' progress to becoming an accomplished musician. Students will learn stagecraft, informed choice of performance piece, performance dynamics, technical development and be mentored by itinerant and classroom teachers.

AS 91092: Composition. Students will develop analysing, deconstructing, reconstructing and improvisation skills in composition in order to compose new musical works using digital technologies.

AS 91095: Musical Knowledge. Students will develop critical analysing skills that identify differences in musical style, genre, performance techniques, influence, and compositional techniques between two different music works.

AS 91093: Demonstrate aural and theoretical skills through transcriptions. Students will learn to transcribe (write down) the melody and harmony of songs and instrumentals when listening to them. Students will develop skills in identifying chord progressions and the pitch and rhythm of melody lines.

AS 91094: Demonstrate knowledge of conventions used in music scores. Students will develop music reading theory skills that include identification of modes, chords, figured bass, key centers, scales, and performance instructions.

All students involved in this course must be learning a musical instrument or have vocal lessons through enrolment in music tuition at school or privately. Students wishing to take this course sit an examination to ensure they have an understanding of scales, chords and music history. Each student must have a high level of performance and desire to develop their music skills.

CONTACT PERSON: Mr M Cook

THE FOLLOWING TWO COURSES ARE BY INVITATION AND ARE FULL YEAR

JEEP Junior Enrichment & Extension Programme – by invitation

Rationale

Note: It is possible to apply for 10JEEP, without having done 9JEEP.

Hillcrest High School's Junior Enrichment and Extension Programme (JEEP) is offered in Year 9 and Year 10. JEEP's goal is to offer our junior gifted & talented students opportunities to enrich and deepen their thinking and learning through inquiry driven classroom activities and EOTC experiences such as trips to the international film festival, live performance, exhibitions, tours of thought-provoking places and physical challenges. Students who take JEEP go on to excel in a range of areas, from sport, to academic subjects, music and the arts, cultural activities and many other extra-curricular activities. The majority of our senior student leaders at Hillcrest began their path to leadership in JEEP.

10JEEP is a year-long course building upon and extending the foundations laid in 9JEEP.

Note: It is possible to apply for 10JEEP, without having done 9JEEP.

Selection Procedures

The selection process is rigorous for JEEP and includes a collation of the following information:

1. Assessing data available from contributing schools as well as our current AsTTle & PAT data;
2. Self-referral from students;
3. Teacher recommendation including discussions with Deans, form teachers and subject teachers;

Framework

JEEP's course is designed around the Autonomous Learner model (Betts, 1985) to meet the cognitive, emotional and social needs of gifted and talented students. By developing student's autonomy for lifelong learning, JEEP fosters a growing their awareness of the world around us through inquiry-based learning and reflection, debate and discussion. Students are encouraged to master concepts by presenting seminars to their peers, completing individual and group research projects and creating action plans for positive change within our community.

Contacts: Ms Mary Raleigh & Ms Jodie Terry

YEAR 10 JUNIOR SPORTS DEVELOPMENT - by invitation

Year 10 Sports Development runs as a full year course where students are exposed to both sporting theory and practical experiences that aim to help them achieve their potential in sport. Topics included are Fitness Studies, Anatomy, Injury Prevention, Nutrition and Sports Psychology. Practical experiences will include weight training, swimming, kayaking, and a Sports Education module.

There is also a fitness-training component, which will teach the students how to train themselves for the requirements of their

sport including cardiovascular, anaerobic, strength, power and speed training.

The class will begin the year by training for and competing in the Multi Sport Challenge.

Individuals will complete a challenging event including swimming, running and kayaking around the Mt Maunganui area.

The students will be required to keep a diary of their sporting progress throughout the year.

Hard working and dedicated students will be offered the opportunity of partaking in two 2 day trips as a reward. In Term 3, the class will head to Whakapapa for skiing or snowboarding and will stay in cabins on the mountain overnight. There will also be another trip at the end of the year.

CONTACT PERSON: Mr G Hay