

# YEAR 10 LEARNING AREAS

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

## Hauora Programme:

The programme is delivered in year groups across the whole school.

The Hauora programme is based upon the Māori philosophy of health and well-being which is commonly referred to throughout New Zealand.

The content of the programme is based upon the concept of Te Whare Tapa Wha, which is made up of four pillars; Taha tinana - Physical well-being, Taha hinengaro - Mental and emotional well-being, Taha whanau - Social well-being, and Taha wairua - Spiritual well-being.

The content will cover a range of topics from growth mindset, to money management, to empathy. The content and material of the sessions will vary across year groups, but will all very much focus upon our vision of a holistic approach to help build our students into well rounded, happy individuals.

All Year 10 students study the following compulsory full year courses:

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

## Compulsory one-semester Digital Technology course:

- ✓ Matihiko  
OR
- ✓ Digital Technology - Media  
OR
- ✓ Digital Technology - Programming

All students study one more subject from the following Learning areas:

- ✓ Creative Arts
- ✓ Technology

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

- ✓ Creative Arts
- ✓ Social Sciences- Enterprise Studies
- ✓ Technology

Or, by invitation

- ✓ Junior Enrichment & Extension
- ✓ Junior Sports Development

## YEAR 10 COMPULSORY 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 throughout the year. Assessment will be through several common tests and an end of year exam.

**CONTACT PERSON:** Ms K Stevenson

### PHYSICAL EDUCATION & HEALTH

The Junior Physical Education and Health Programme is influenced and guided by the Principles of



Hallison's model of Social Responsibility and our HHS Physical Education values.

The Year Ten PE programme is designed to empower our students to start to make lifelong decisions in terms of personal fitness, lifestyle and recreational choices. Our units of work emphasize cultural diversity, team work, skill acquisition and sports science, personal fitness, collaborative learning and traditional Maori games. We deliver units of work covering Life Saving, Athletics, World of Sport Asia, World of Sport USA, World of Sport Europe, Move Your Body, Ki-O-Rahi, Year 10 Cup, Our Local Community and Festival of Sport.

Health Education is taught in blocks throughout Terms One, Two and Three. The units are linked to Maori concepts, covering topics such as relationships, sexuality, body and mindset.

The 4 key strands from the Health and Physical Education Curriculum are explored and some Achievement Objectives from each strand are assessed.

Our aim is to develop our students into confident, well rounded individuals, capable of making sound decisions both now and in the future.

**CONTACT PERSON:** Mr H Uivel / Mrs N Parsons-Roberts

### MATHEMATICS

This course consolidates, explores and develops content and processes from 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

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)

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

Opportunities are also offered to take part in Australian Maths and Otago University Junior Maths Competitions.

**TAKE HOME COMPONENT:** Approx. \$25 for Education Perfect, \$12 for competitions (optional) plus any costs for revision materials depending on the number of standards the student is doing.

**CONTACT PERSON:** Mr S Achary or Mr D Hall

### SCIENCE

Nau mai, haere mai ki te Putaiao. Learning Science is fundamental to understanding the world in which we live. This course develops a range of scientific skills and knowledge all within a range of contexts that inspire enthusiasm and discovery. Each context covers the four main learning areas along with the Nature of Science interwoven throughout.

#### Learning Areas

- Living World
- Physical World
- Planet Earth and Beyond
- Material World

Within these contexts, students will have the autonomy to direct their learning into areas of interest as well as experience Science in the real world, through individual and group learning.

Science at Hillcrest High School is designed to teach students the skills necessary to be lifelong learners within the Science context.

**CONTACT PERSON:** Mr N Bryant

### SOCIAL SCIENCES

#### SOCIAL STUDIES

Social Studies is about how societies work and how people can participate as critical, active, informed, and responsible citizens. Students will develop a range of important skills, such as communication, collaboration and problem-solving. Year 10 students explore New Zealand's place in the world and consider the role that they can play in our increasingly globalised society. Students are encouraged to and provided with opportunities to actively engage with their communities.

**CONTACT PERSON:** Mr R Cox

## CREATIVE ARTS ARE FULL YEAR AND/OR SEMESTER COURSES

### CREATIVE ARTS

#### ART (10ART & 10ARTS)

This course aims to develop students' 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 to 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.  
**TAKE HOME COMPONENT:** \$25 full year/\$15 half year  
**CONTACT PERSON:** Ms R Hickman

#### DRAMA (10DRA & 10DRAS)

Year 10 Drama allows students to experience different kinds of drama, the end point of each being a live performance for full year classes. The course includes improvisation, devising and stage drama (culminating in an evening performance) and study of theatre. Students will explore and develop their creativity, gain confidence in public presentation and develop skills in working cooperatively. Although previous experience in drama is not essential, a willingness to participate and work positively with others is expected.  
**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 is 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 an 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, hip-hop, EDM, 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:

AS 91091: *Demonstrate Ensemble skills through performing a piece of music as a 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 a featured soloist.* Solo performance is a vital part of the students' progress to becoming an accomplished musician. Students will learn stagecraft, informed choice of a 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

## 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).

Students are provided with individualised programmes to build on their strengths and support their English language learning needs across the four skills areas of reading, writing, listening and speaking. Regular time is spent on learning high frequency vocabulary as well as topic work. As students increase their confidence and language proficiency they move into mainstream subjects.

#### ENGLISH LANGUAGE LEARNING (10ELL)

This English Language Learning course is designed for Year 10 English language learners from a range of language and cultural backgrounds. The course gives students extra time to improve their English listening, speaking, reading, writing and vocabulary levels. It offers students learning opportunities to further develop familiarity with the NZ approach to learning (including inquiry learning, group work and digital technology skills) This subject covers a range of engaging topics. Students also study mainstream English or Foundation English depending on their language proficiency. Students will move on to 1ELL, 1EIP or mainstream English at the end of the year, as recommended.  
**CONTACT PERSON:** Ms J Blank

#### 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:** Ms F Lyons

#### JAPANESE (10JAP)

Students continue to develop their language skills in reading, writing, speaking and listening while they learn about 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. Students start the course with learning the basic Japanese scripts "HIRAGANA" which is the essential skill to succeed in senior levels. 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, Describing Themselves and Others, Home, Leisure-time, Sports, TV/Video/Films/Music, Food (Eating Out), Shopping/Clothing/Fashion Parade and Weather.

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 M Salina

### 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 students' skills in speaking, listening, reading and writing. Topics studied include: sports, food, work around the house, meeting people and leisure activities.

**CONTACT PERSON:** Whaea C Hawkins

## SOCIAL SCIENCES

### ENTERPRISE STUDIES (10EES) - Semester course

In this course students study enterprising people, aspects of a business 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

## TECHNOLOGY COURSES ARE ALL SEMESTER COURSES EXCEPT DVC & MTF WHICH HAVE A FULL YEAR COURSE AS WELL

## TECHNOLOGY

### DESIGN & VISUAL COMMUNICATION (10DVC (full year) & 10DVCs (semester))

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:

- Idea Generation (Ideation)
- Product Design: Portable speaker design and
- digital/physical modelling
- Promotional Design: Photoshop
- Architectural Design: Interior spaces and modelling (full year course only)

**TAKE HOME COMPONENT:** \$25 (full year) or \$10 (one semester). Students are encouraged to purchase their own A3 pad of drawing paper, 2B pencil and coloured pencils.

**CONTACT PERSON:** Mrs S Franklin

### ELECTRONICS (10ELTS)

This course follows on from Year 9 electronics. In this practical course students understanding will be developed in:

- electricity
- circuits
- electronic components
- soldering
- programmable electronics

Students will have some choice in projects based on previous experience. Those students who have not studied electronics in Year 9 may study this course after consulting with the TIC

**TAKE HOME COMPONENT:** \$25

**CONTACT PERSON:** Mr D Hopkirk

## A Digital Technology course is compulsory. You can choose between MKO or more in-depth DTPS or DTMS

### MATIHKO - COMPUTER LITERACY (10MKO)

This course covers all aspects of the Digital Technologies areas in the Curriculum. Students will gain vital skills and knowledge using digital technologies in contexts that are transferable to other areas of learning. The focus will be on being able to design and create digital outcomes and having a good understanding of computational thinking.

OR

### DIGITAL TECHNOLOGIES MEDIA (10DTMS)

The aim of this more in-depth 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 option leading into full year courses in the senior school. Students learn to use a variety of software for different design purposes including:

- Developing graphic designs for Identity & Publications
- Website interface design
- Animation and multimedia
- 3D Modelling

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.

Areas of the Digital Technologies curriculum are explored in detail.

**TAKE HOME COMPONENT:** \$5 for 3D printing.

**CONTACT PERSON:** Miss C Bourke

OR

### DIGITAL TECHNOLOGIES PROGRAMMING (10DTPS)

The aim of this more in-depth course is to prepare students for NCEA Digital Technologies courses in Programming and Computer Science-

**Digital Technologies Programming** is designed to extend computer enthusiasts interested in software design and problem solving. Students learn how to use a range of software for different purposes including:

- Robotics
  - Animation Graphics for gaming
  - Coding for 3D environments
  - Creating Apps
  - Programming
  - Web development in HTML and Javascript
- Students also learn to research, plan, consult stakeholders, develop ideas, test and evaluate as part of projects they undertake. The Digital Technologies progress outcomes and key strands from the Technology curriculum are explored and assessed.

**CONTACT PERSON:** Mrs K Langman

## FOOD TECHNOLOGY AND NUTRITION (10FNFS)

This is a practical based course that focuses 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.  
**CONTACT PERSON:** Mrs S Paris

## MATERIALS TECHNOLOGY- FABRICS (10MTF (full year) & 10MTFS (semester))

This is a practical-based course where students work with a range of textiles to construct various projects and garments. Skills in design and the use of materials and appropriate equipment will be developed throughout the course.

**TAKE HOME COMPONENT:** \$40.00 full year/\$20 half year. There will be further project costs.

**CONTACT PERSON:** Mrs A Teahan

## MATERIALS TECHNOLOGY - 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.

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

**TAKE HOME COMPONENT:** \$40

**CONTACT PERSON:** Mr J Nielsen / Mr J O'Brien

## MEDIA STUDIES (10MESC & 10MESS)

*Note: Two separate courses.*

*You may choose one or both.*

### 10MESC (Commercial Media focus)

The Marvel Cinematic Universe, Disney+ miniseries based on Marvel Comics and DC comparisons make up a genre study on superheroes. Students will look at the common characteristics and their effects such as fanbase, franchise and developments in this industry. Students will develop media literacy and critical thinking by looking at how 'the media' represent groups, cultures & genders creating meanings, messages and values for audiences. They will apply learned skills of filming and editing to create their own marketed product in a visual advertisement in groups. It is Marvel Genre - Media Representations - Video Production - Advertising.

**CONTACT PERSON:** Mrs L Stratford

### 10MESS (Social Media focus)

Investigate the impact of social media and trends on the internet. Memes, challenges, and when content goes viral. Looking at their origins, their appeal, and potential issues. Students will explore digital print and social media sites to explore celebrity culture to

develop close reading skills, understanding of media representations of these figures in popular culture and their potential impact on the audience. They will apply learned skills of filming and editing to create their own Teen TV series trailer in groups. It is: Social Media. Teen Netflix Genre. Celebrity Culture. Video Production - Teen Genre Trailer.  
**CONTACT PERSON:** Mrs L Stratford

## THE FOLLOWING TWO COURSES ARE BY INVITATION

### JEEP - Junior Enrichment & Extension Programme – by

Hillcrest High School's Junior Enrichment and Extension Programme (JEEP) is offered in Year 9 and in Year 10 (in Semester 1). *Note: It is possible to apply for 10JEEP, without having done 9JEEP.*

JEEP's goal is to offer our junior gifted 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 run in Semester 1 of Year 10, 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 students. By developing student's autonomy for lifelong learning, JEEP fosters a growing 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.

**CONTACT:** Mrs J Kennedy

## 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 include Anatomy, Sports Nutrition, Adventure-Based Learning, Strength and Conditioning, Professional Sport, Swimming, Kayaking and a variety of sporting activities. 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. Students will be required to keep a diary of their sporting progress throughout the year. At the end of this course students will be invited to attend the annual 10SDP trip to Mount Maunganui.

Following the Year 10 course students can then apply to be a part of the Level 1 Sports Development programme, which is a full year NCEA course.

**CONTACT PERSON:** Mr G Hay