

EXTENSION & ENRICHMENT OPPORTUNITIES

## ENRICHMENT EDUCATION PROGRAMME

Nelson College Preparatory School supports students at all academic levels and offers a challenging enrichment education programme. The extension students are offered the following opportunities:

### DIFFERENTIATED CURRICULUM AND STREAMING

Maths classes are streamed so that all students are able to work at their own level. The extension maths group studies a range of challenging maths activities, including Otago Problem Solving and there is the opportunity to represent the school at the Nelsomathix competition.

In class all students are grouped according to their ability and the extension readers are given challenging comprehension pieces and texts to consider.

In writing lessons, extension opportunities are part of each writing class.

### FUTURE PROBLEM SOLVING (FPS)

Future Problem Solving (FPS) is a prestigious international programme, established in the 1970s. The programme is held in high regard by educators and researchers from around the world. The strength of this programme lies in the high level skills and competencies students develop which enable them to grapple with the future.

In addition to being an extension subject at Prep, FPS is a national and international competition. Over 200,000 students from around the world are involved in the programme each year. New Zealand teams have



*'It is extremely rewarding to watch students develop higher order thinking skills and to see their creativity soar. Our students gain an understanding of world issues and the importance of ethical and practical solutions'.*

MS SARAH WATTS  
FPS TEACHER

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"FPS is a great subject to improve your problem solving skills. It really works your brain, it's fun and there is the opportunity to succeed at the FPS National competition and at the international finals in America"

FINNIAN HALL,  
STUDENT



NELSON COLLEGE  
New Zealand  
*pictas probitas et sapientia*  
Te Kura Tamatāne O Whakatū

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been highly successful at a number of the International Finals they have attended.

The competition at these finals is at an extremely high level as they are attended by over two thousand 12 - 18 year olds from around the world. Nelson College Prep has a proud tradition of involvement in the programme both at the National and International level.

The programme has eight objectives:

- To enhance the creative thinking abilities in students.
- To stimulate young people's knowledge of and interest in the future.
- To help students increase their communication skills, both verbal and written.
- To assist students to function more effectively as a team.
- To provide students with a problem solving model to integrate into their lives.
- To assist students to develop and improve their research skills.
- To help students to improve their analytical and critical thinking skills.
- To guide students towards self-direction and responsibility.

## PHILOSOPHY

The Philosophy group allows students the opportunity to participate in philosophical debates and discussions and gives them the opportunity to consider fundamental ideas and questions, such as:

- Is there such a thing as freewill?
- What is truth?
- Do we have social responsibility?
- What actions are worthy of praise and blame?
- What is happiness?
- How our beliefs are formed?

This course aims to extend student's reasoning, analytical and critical thinking skills. Philosophy seeks not simply knowledge, but deep understanding and wisdom. It's ethical enquiry at its best.

## MINISTRY OF INSPIRATION

Prep students have the opportunity to attend the Ignite Conference for Gifted and Talented Youth and to participate in a range of challenging events organised by the Ministry of Inspiration, including the Intermediate Schools' Academic Quiz, Robotics and a variety of workshops, such as the 3-D printing workshop.

### KidsLit Quiz

Prep students participate in the annual KidsLit Quiz which is designed to test students' knowledge of literature.

### ICAS Exams

Students are able to participate in the annual ICAS examinations for maths and English. Even though the contents of these exams may not follow the NZ curriculum, it is an opportunity for extension students to challenge themselves.



"I really believe that  
FPS has broadened my  
learning experiences"

LIAM PHILP  
STUDENT



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