



Inquiry Questions

Grade 10 Personal Project

How can I develop and utilize watercolour painting techniques to produce three realistic portraits? **KAYLYN B.**

How am I able to help students understand common topics and help them develop a passion in learning? **GORDON B.**

How can I design and build a working hydroponic system that can be used to grow vegetables? **TYLER B.**

How can I make the best perfume and be able to produce and sell multiple products within a limited time frame? **MOHITH C.**

How Can I Use the Game Engine Unity and the Coding Language C# to Design a Video Game from Scratch? **ANDY C.**

How can I educate others on the history of Hip Hop music? **CHARLES C.**

How can I spread knowledge about different soccer playstyles, movement of the soccer ball and the mental effects of playing soccer while only viewing from the Italian perspective? **GRIFFIN C.**

How can I educate others about space tourism and its implications by creating a website? **HUGH G.**

How can I educate people on factory farming and the overconsumption of meat and teach them how they can live a more ethical and sustainable life? **ALISHA G.**

How can I educate others about how to help people with PTSD and how to overcome PTSD? **SHASHA G.**

How can I spread awareness of the importance of a boxer's diet and teach others to adjust a diet for themselves? **ZHI WEN G.**

How can I effectively improve my dribbling skills, my passing accuracy and my shooting ability using my less dominant foot? **RICHARD H.**

How can I create an educational platform to help teach others the implications of a video game to help improve gameplay? **PATRICK H.**

How can I successfully teach myself to build a gaming PC and set it up on the monitor on my own? **HANNAH H.**

How is diet culture affecting teenagers' physical, social and psychological health? **COOPER J.**

What is the stock market and how can I profit from it? **ISABEL K.**

In what ways does your mindset affect your sports performance? And why? **ALISTAIR L.**

How can I or any equestrian rider strengthen their bond or relationship they have with a horse and how does your bond impact your horse's and your performance? **VERONICA L.**

How can I learn to use 3D modelling and rendering software to design and create realistic renders? **JASON L.**

Is mental health an issue for teenagers in Meadowridge, who are in grade 9-12? **MU HAN L.**

How can I promote self-care and encourage people to practice it? **HANNAH L.**

How do I make learning history fun and educational at the same time by creating an interactive, playable game? **YIYANG L.**

What can we do to stop global warming? **SAM M.**

How can being knowledgeable about an equine surgical procedure prior to the surgery benefit the recovery to be faster and smoother? **SAWYER M.**

How much can I reduce my carbon footprint by making changes to my diet through going

vegetarian for the duration of the project, and educate others on how to do the same? **MOLLIE M.**

What are the effects of doodling on academic performance? **CARRIGAN M.**

How have society's body image standards led to the idea of unrealistic fitness mindsets? **PAIGE M.**

How can I improve my friends' fundamental soccer skills in 20 Days? **ADEN M.**

How can I learn to produce a collection of songs that showcase a variety of techniques, instruments, and vocals? **SARAYU N.**

How can the factors school, family, social media, and peers change behaviour and what is the reaction? **JULIA P.**

How can Prion Diseases, propagated through the misfolding of the prion protein, be targeted using antibodies, enzymes, and antigen-linking molecules, and how can molecular visualisation software help to build these molecules? **RAYAN R.**

How does a computer work and how do I build one that can function efficiently for school work that is low cost, uses low energy, and is environmentally safe? **ABDELRAOOF S.**

How does social media affect your mental health? **STELLA S.**

How can I teach others about what Hyperacusis is and how it affects people? **JADE S.**

How does having a learning disability affect people in a normal learning environment? **SHARLENE S.**

How can I spread awareness among adolescents regarding the impact of our words and the consequences they can have even though we can often be oblivious to it? **ALEXANDER S.**

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How can I spread awareness to businesses as to why they should carry more vegan options?

ARYANA S.

What is toxic behaviour in League of Legends, what are its different categories, and how can I create awareness to parents about the toxicity? **GEORGE T.**

How can I help people understand the severity of anxiety as well as making sure their families and friends can help those who are in trouble? **AMY W.**

What do people know about rhythmic gymnastics and what is the best way to promote it globally? **ANGELA W.**

How can I spread awareness and inspire the young generation to start freestyle football?

CHUXUAN W.

How does airfoil and fuselage design affect the velocity of a plane? **STEVEN W.**

How can I educate people about plastic pollution and its long term impact around the world in all aspects through a website?

JEROME W.

How can I use a 3D modelling software, Blender to create several models and a simulation/animation to showcase my proficiency with the program?

TSZ WUN W.

What are the benefits and drawbacks of amino acid cleansers vs soap-based cleansers? **PHOEBE X.**

How can I make a balanced and engaging game that makes people want to continue play and also has a learning component for students? **JASPER Y.**

How can I use science to create a website to educate and explain to others about the science behind tsunamis, how tsunamis are detected, and what to do if a tsunami does strike? **JEROME Y.**

From a psychological view, what are the fundamental reasons of racism? **PETER Y.**

How can I automate efficient trades on cryptocurrency exchanges? **AKIRA Y.**

How can I develop skills for designing and creating a motorized go-kart? **GRACE Y.**

How can I create a short film that divulges four hidden struggles in the lives of average high-school students? **ISABELLA Z.**

How can I combine my interest and passion for pottery with my desire to help the homeless?

JOSHUA Z.

How can I create an understanding of mental health issues and destigmatize them through storytelling? **NANCY Z.**

What is the Personal Project?

The personal project encourages students to practise and strengthen their approaches to learning (ATL) skills, to consolidate prior and subject-specific learning, and to develop an area of personal interest. The personal project provides an excellent opportunity for students to produce a truly personal and often creative product/outcome and to demonstrate a consolidation of their learning in the MYP. The project offers many opportunities for differentiation of learning and expression according to students' individual needs. The personal nature of the project is important; the project should revolve around a challenge that motivates and interests the individual student.

The aims of the MYP projects are to encourage and enable students to:

Participate in a sustained, self-directed inquiry within a global context.

Generate creative new insights and develop deeper understandings through in-depth investigation.

Demonstrate the skills, attitudes and knowledge required to complete a project over an extended period of time.

Communicate effectively in a variety of situations. Demonstrate responsible action through, or as a result of, learning.

Appreciate the process of learning and take pride in their accomplishments.

What will students learn through the MYP projects?

MYP projects involve students in a wide range of activities to extend their knowledge and understanding and to develop their skills and attitudes.

These student-planned learning activities include:

Deciding what they want to learn about, identifying what they already know, and discovering what they will need to know to complete the project.

Creating proposals and criteria for their project, planning their time and materials, and recording developments of the project.

Making decisions, developing understandings and solving problems, communicating with their supervisor and others, and creating a product or developing an outcome evaluating the product/outcome, and reflecting on their project and their learning.

As students become involved in the self-initiated and self-directed learning process, they will find it easier to construct in-depth knowledge on their topic, and develop an understanding of themselves as learners.