

# GENIUS HOUR

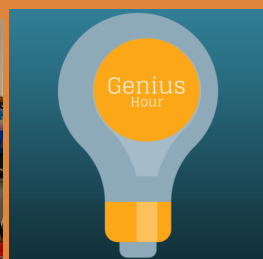
## GRADE 6

### Our Learning Intentions:

To develop critical thinking skills and learn about real world ideas through passion-driven, inquiry based projects. Students will have personal choice and gain greater independence in deeper thinking and explorative based tasks; whilst connecting to, and building on 21st century skills for learning success.

### Success Criteria:

Students will develop inquiry questions, investigate, explore ways to present their new learning creatively; with tools and strategies through guided independence. They will share their finished products in learning communities and/or the rest of the world. Students will feel more capable, skilled and confident in their capabilities as purposeful and ongoing learners.



# S.T.E.M THINKING

S = SCIENCE  
T = TECHNOLOGY  
E = ENGINEERING  
M = MATHEMATICS

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## GRADE 6

*Some of our student passion-project ideas:*

### Science and Maths in Sport

A student who is a keen netballer, would like to improve her goal shooting technique and precision. This is perfect timing for her with the netball season beginning. She will investigate her own technique and those of other competitive netballers. She will use science, maths and technology to help her investigate and demonstrate her learning (along with her improved goal shooting skills too of course).

### Digital Portfolios: Technology and the Arts

Some students have decided to independently create a plan to develop a digital portfolio. This is based on a passion of theirs that connects to the Arts: visual and graphic design and involves the development of new ICT skills. A great project to learn new skills and teach others along the way.

### Movie Making

Some students are investigating and sharing the importance of maths in everyday life/ real world concepts. This will support their entry into the "Choose Maths Awards". A great way to embrace Maths and Technology, while sharing and teaching others.

### Language Communication and Cultural Learning:

A student is learning a new non English speaking language, to benefit their experience whilst visiting Greece later in the year. This is a project that will strengthen communication skills whilst abroad in a foreign country and will assisted by Technology to present her project journey and her learning developments.

### Other student ideas:

- ◆ Rubix cube skills
- ◆ Auslan teaching
- ◆ Photography/ photo-shop
- ◆ Wildlife carers
- ◆ Learning a digital technology skill
- ◆ How to code
- ◆ Passion for a cause
- ◆ Community project
- ◆ Investigate a wondering in science or maths.
- ◆ Improve a concept
- ◆ Develop a weakness area or skill
- ◆ Health and education causes
- ◆ Learn about 21st century skills. What and why do we need them?
- ◆ Design the new Channel Gym at Snug.

*"Education is not the learning of facts, but*

*the training of the mind to think".— Albert Einstein*