



# Year 7 Engineering Learning Journey

Introduction to the workshop. Health and safety, first aid and basic handheld tools

Term 1

Local community project. Making a difference in our community.

Term 2

Real world problems. Thinking about and proposing solutions for managing global population.

Term 3

Presenting our ideas and working on our oracy skills.

Term 4

The dyson big build. Careers focus and problem solving skills.

Term 5

Environmentally aware. Focusing on the issue with batteries and how we can make it better.

Term 6



**ST JOSEPH'S**  
CATHOLIC HIGH SCHOOL  
LIVING • LOVING • LEARNING

hopeful  
curious  
wise  
discerning  
passionate  
active  
truthful  
eloquent  
generous  
faith-filled  
attentive  
loving  
hopeful  
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generous  
faith-filled  
attentive



# Year 8 Engineering Learning Journey

Aspirations competing in national competition.

Term 1

Presenting our work to international professionals

Term 2

CREST award bronze.. Careers focus the gaming industry. Earning nationally recognized awards.

Term 3

Learning how to aspire and achieve at a national level.

Term 4

Electronics. Creating and understanding more about electrical systems.

Term 5

Electronics. Creating and understanding more about electrical systems.

Term 6



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generous  
eloquent  
intentional  
truthful  
psychic  
learned  
grateful  
compassionate



# Year 9 Engineering Learning Journey

Eco aware.  
Thinking about  
science and  
materials to protect  
the world.

Term 1

Eco aware.  
Thinking about  
science and  
materials to protect  
the world.

Term 2

Real world  
problems.  
Supporting flood  
defences in  
Cumbria.

Term 3

Real world work  
experience with  
WCRT.

Term 4

Recycle. How can we  
re use polymers.

Term 5

Recycle. How can we  
re use polymers.

Term 6



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hopeful  
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psychiatric  
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faith-filled  
attentive  
intentional



# Year 10 Engineering Learning Journey

Electrical  
engineering

Term 1

Metal  
work

Term 2

Mechanica  
I

Term 4

Polymers

Term 3

Casting,  
pneumatics  
and  
hydraulics.

Term 5

Revision  
and mocks

Term 6

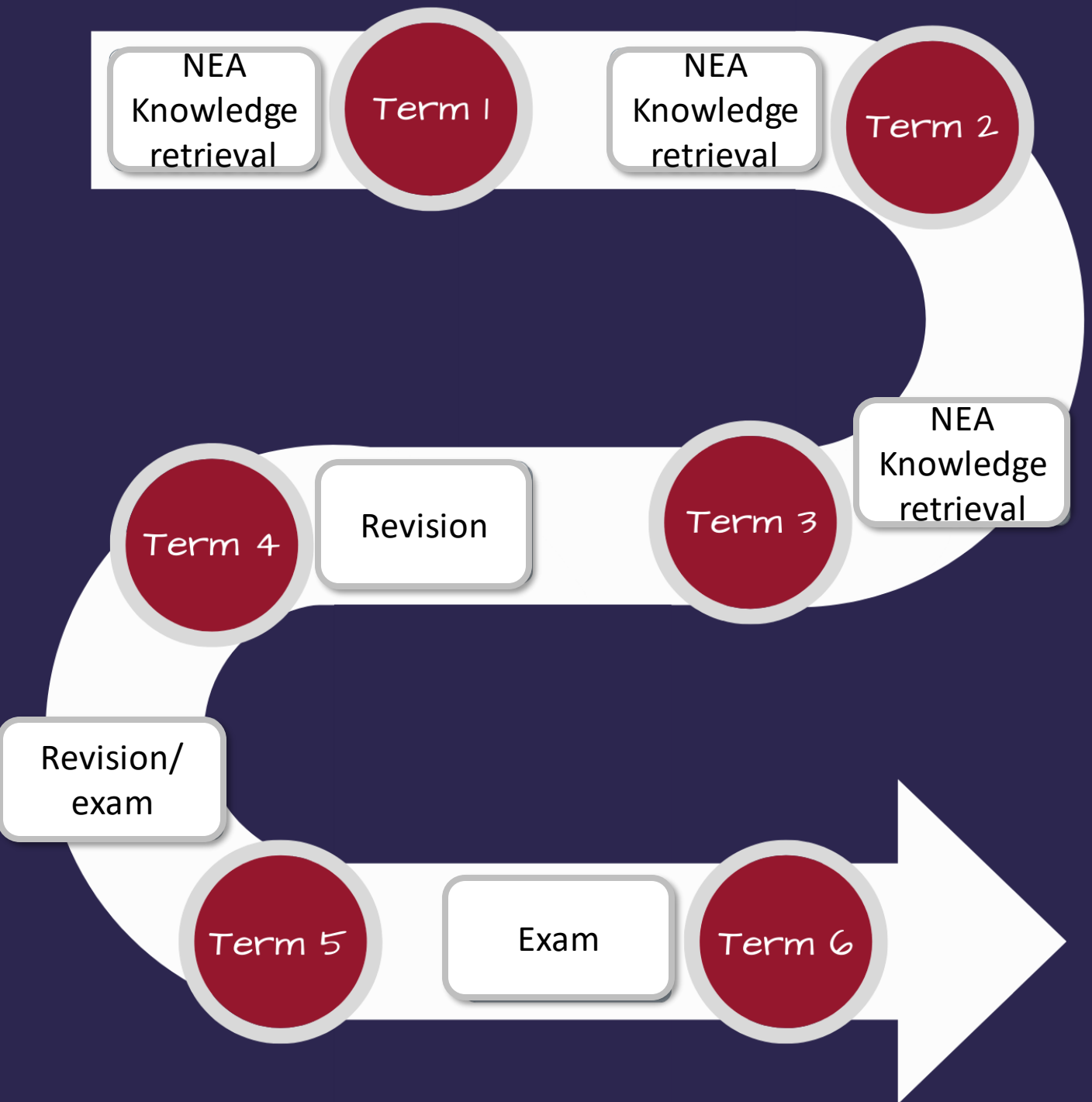


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# Year 11 Engineering Learning Journey



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LIVING • LOVING • LEARNING

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