

# Engineering

Engineering is vital to everyday life; it shapes the world in which we live and its future. Engineers play key roles in meeting the needs of society in fields which include climate change, medicine, IT, the Built Environment, Robotics and transport.



Perth Grammar School  
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## Choosing Engineering and Robotics in S3

Learners will be introduced to different types of Engineering through different project. There will be some maths and also practical models to help put learning into context. Topics will be Microbits, Robots, bridges, Electronics, calculations and Energy. (This is not a workshop based course)

Skills in S3 Engineering and/or S3 Physics and/or a strong Maths ability can lead to you studying Engineering Science in senior phase.

## Choosing Engineering Science in S4/5/6

Progression is mainly from the craft, design, engineering and graphics experiences and outcomes. It also builds on some science experiences and outcomes.

Engineering shapes the world in which we live, by applying elements of technology, science and mathematics to real-world challenges. Engineers play key roles in meeting the needs of society and it is important there are more young people studying Engineering. Engineering employs a lot of workers in high paid roles.



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## find out more



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# N4

# N5

# H

# AH



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