



Engineering Science

Engineers are involved in designing and developing everything from the latest driverless cars, virtual reality devices to advances in medical technology and so much more.

*Ideal for people who enjoy **maths** and **problem solving**.*

CLASSROOM ONLY

Possible Career Paths

Architecture
Civil Engineering
Aeronautics
Mechanical Engineering
Music/Sound Engineering
Cinematography
Drone Design
Cyber Security
Robotics
Cybernetics



Supporting Subjects:

MATHS
PHYSICS
CHEMISTRY



Graphic Communication

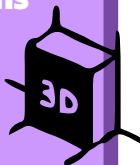
Graphics is the skills of visually representing ideas and information for a set purpose. From an emoji to social media apps, to special effects in movies.

*Ideal for people who are **creative** and enjoy working with the latest **computer graphic software**.*

CLASSROOM ONLY

Possible Career Paths

Architecture
Animation
Graphic Designer
App Designer
Software Development
CAD Technician
Engineering
Advertising
Web Design
Illustrator



Supporting Subjects:

ART & DESIGN
CREATIVE DESIGN
MATHS



Practical Woodwork

Woodwork involves the ability to construct and finish models in wood to a given specification.

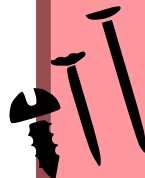
From building furniture to constructing concert staging, to building sets on movie locations.

*Ideal for people who like to work with their hands, **patiently** and **accurately**.*

WORKSHOP ONLY

Possible Career Paths

Joinery
Construction
Cabinet Making
Film/TV Set Construction
Skilled Labour
Carpenter
Shop Fitting
Sign Fitting
Model Making
Any 'hands-on' career



Supporting Subjects:

MATHS
PRACTICAL COOKERY
PHYSICAL EDUCATION



Creative Design

A creative designer uses their skills to create visual concepts that communicate ideas and messages. From designing a trainer, to props for a film, to visualising a game environment.

*Ideal for people who are **creative** and enjoy **problem solving**.*

CLASSROOM ONLY

Possible Career Paths

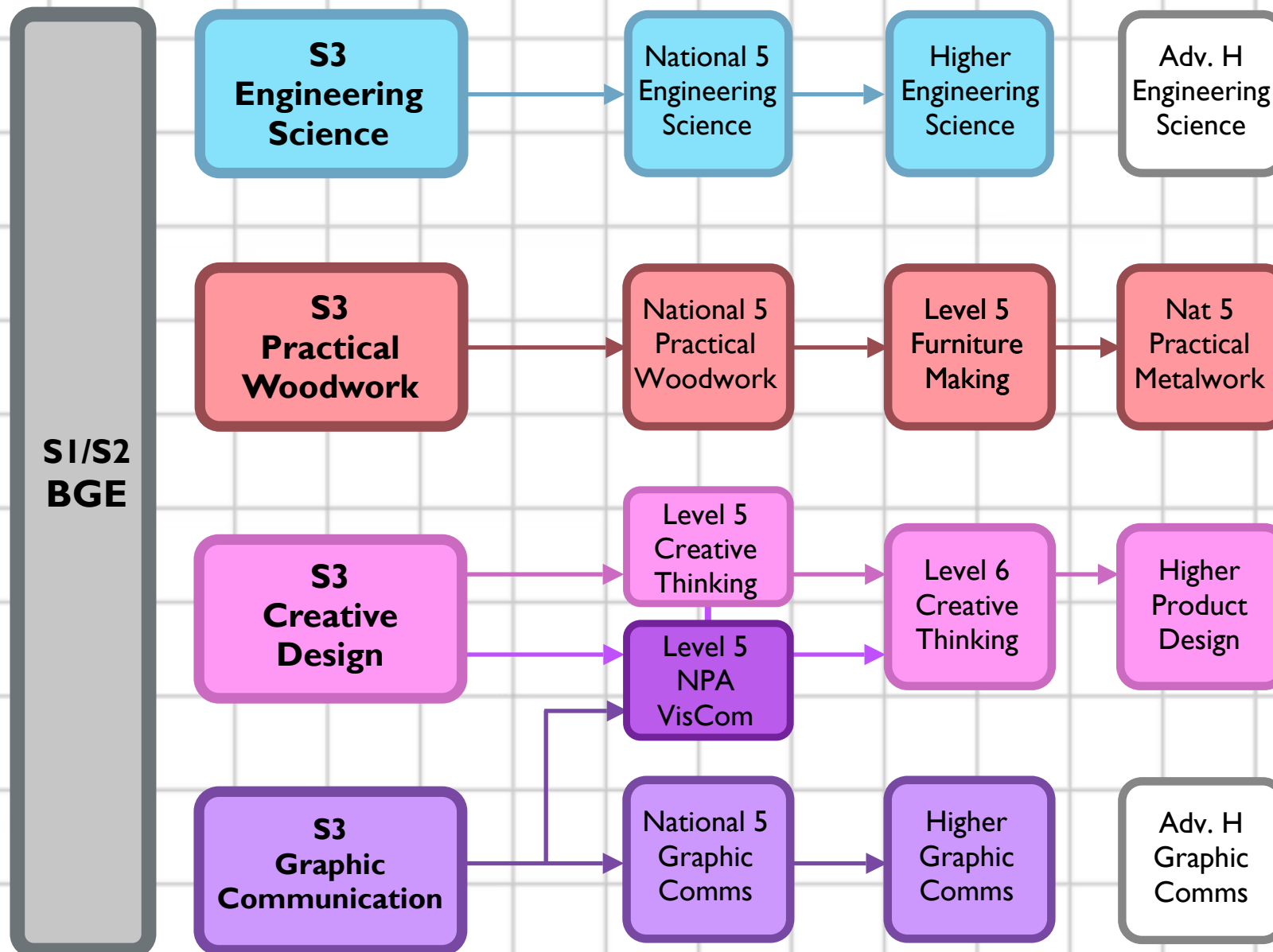
Architecture
Fashion Design
Film/TV
Art Director
Product Design
Interior Design
Marketing
Game Design
Animator
Set Design



Supporting Subjects:

ART & DESIGN
GRAPHICS
ENGLISH

Design and Technology **PATHWAYS**



Inverclyde Academy
Design & Technology
Department

*Design and
Technology*



**S2
OPTIONS**



**PUPIL
AND
PARENT
GUIDE**

