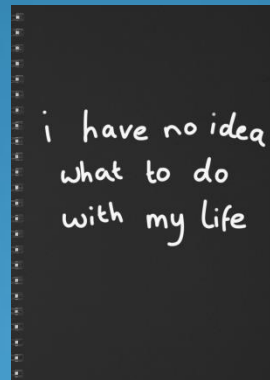


S3 Options

Faculty of Technical & Home Economics



PLEASE READ YOUR REPORT FROM THE CLASS TEACHER CAREFULLY AS IT WILL RECOMMEND WHAT SUBJECT IS BEST SUITED TO YOUR SKILLS AND WORK ETHIC.



Subjects we Offer – Technical

- Graphic Communication
- Design & Manufacture
- Practical Woodworking

All subjects are accepted entry qualifications for colleges and universities. They are also useful for a range of career options and even running a home!





Graphic Communication

What is it?

It's exactly as the title suggests...you communicate using pictures. It's a very creative subject that you get the chance of personalisation and choice.

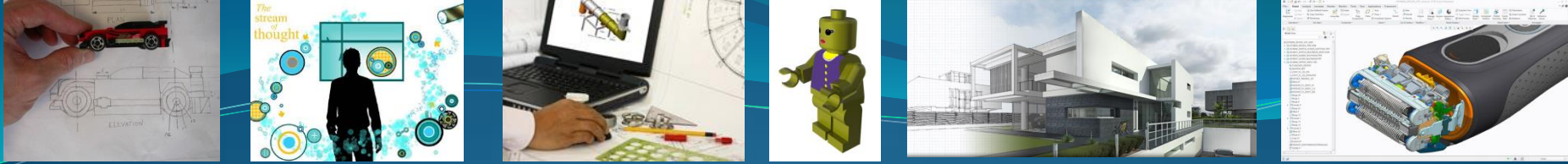
What's involved?

You'll do a combination of computer graphics (using Inventor, Photoshop and Publisher) and manual graphics (using drawing boards, sketching and rendering – using coloured pencils, pastels & markers).

How does the course progress?

Graphic Communication is available at National 4/5, Higher and Advanced Higher in Eastwood and pupils enjoy a great deal of success gaining not only a pass, but grades of a good quality.





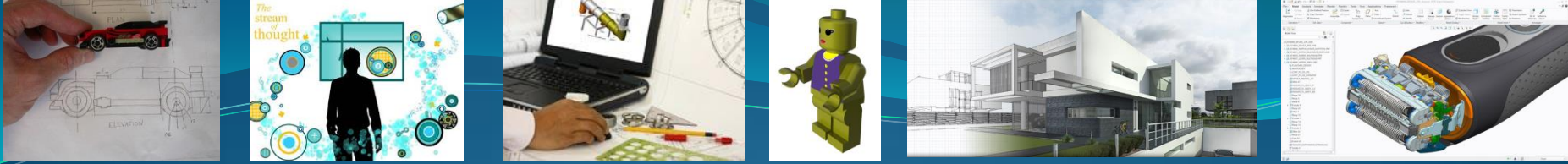
Graphic Communication

Did I do any of this in S1/2

Yes! You've been preparing for this right from when you entered the Technical department in Eastwood. Listed below are some of the projects/tasks you've completed that would be considered as Graphic Communication...

- **Muffin Box** – used Photoshop & Publisher
- **Orthographic Drawing** – using the drawing boards
- **Toy car** – creating on Inventor (parts, assembling & render)
- **Ear bud Wrap** – creating the file to be laser cut
- **Clock** – creating on Inventor (to test mechanism fits)
- **Rendering bottles** – using colour pencils
- **Clock** – creating file to be laser cut
- **Isometric Drawing** – using the drawing boards
- **HWB Leaflet** – using Publisher to create a promotional leaflet
- **Magazine Front** – Use of Photoshop & Publisher





Graphic Communication

What happens in S3?

Using lots of mini projects you'll continue your Broad General Education and continue to up skill in both Computer and Manual Graphics.

How is it examined?

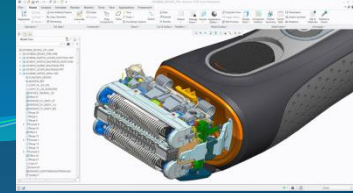
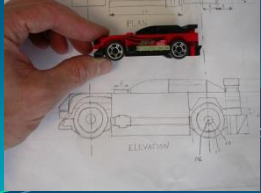
There are two parts to the final assessment for Graphic Communication...

- An exam which is worth 70% - completed in exam conditions
- An assignment which is worth 30% - completed in class, but under exam conditions.

Do Pupils enjoy the subject?

Yes, a lot of our pupils like that it's very practical, hands on and that skills learned can be used for a variety of other subjects.





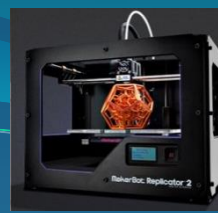
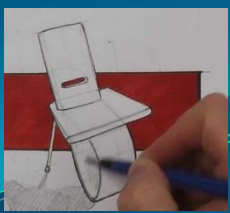
Graphic Communication

What are the Career Options?

- Architecture & Architecture Technology
- Any type of Engineering
- Surveying Technician
- Publishing/Magazine Editor
- Computer Games Designer
- Graphic Design
- Interior Design
- Product Design
- CAD Technician
- Cartographer
- Signwriting
- Model Making
- Animation
- Construction
- Industrial Designer
- Town Planning
- Marketing
- Illustrator
- CAD Technician
- Site Manager
- Teacher of D&T

If you don't know what any of these are, ask your Technical teacher for more information.





Design & Manufacture

What is it?

It's exactly as the title suggests...you design and make small items. It's a very creative subject that you get the chance of personalisation and choice.

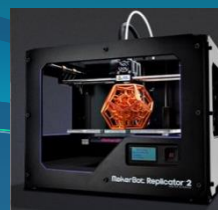
What's involved?

You'll learn about materials and their functions, different manufacturing processes and then combine this all together to complete mini projects where you'll get to design & make products.

How does the course progress?

Design & Manufacture is available at National 4/5, Higher and Advanced Higher in Eastwood and pupils enjoy a great deal of success gaining not only a pass, but grades of a good quality.





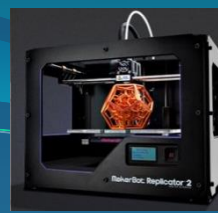
Design & Manufacture

Did I do any of this in S1/2

Yes! You've been preparing for this right from when you entered the Technical department in Eastwood. Listed below are some of the projects/tasks you've completed that would be considered as Design & Manufacture...

- **Toy Car**— design shape of body using wood and using tools to make
- **Vacuum Forming** — making inserts for muffin box
- **Ear bud Wrap** — designing, using laser cutter to cut shape, finishing, polishing and bending plastic to shape
- **Phone Holder** — shaping, finishing, bending and dip coating metal
- **Cuboid Mascot**— designing, budgeting and creating out of wood and other materials from department shop
- **Clock** — designing and creating clock using wood, metal & plastic
- **Product Evaluation** — working in groups to decide if certain products are fit for purpose





Design & Manufacture

What happens in S3?

Using lots of mini projects you'll continue your Broad General Education and continue to up skill in theory knowledge, design and manufacturing tasks.

How is it examined?

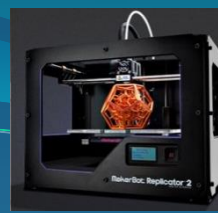
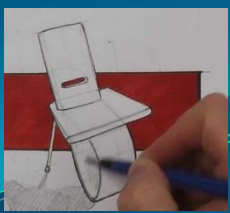
There are three parts to the final assessment for Design & Manufacture...

- An exam which is worth 45% - completed in exam conditions
- A folio which is worth 30% - completed in class time with limited teacher help
- A manufactured object worth 25% - completed in class time with limited teacher help

Do Pupils enjoy the subject?

Yes, a lot of our pupils like that it's very practical, hands on and that skills learned can be used for a variety of other subjects. However, a good work ethic is required as you may need to use additional time at lunch or after school to make sure all tasks are complete.





Design & Manufacture

What are the Career Options?

- Architecture
- Any type of Engineering, civil, robotic, mechanical etc.
- Product Design Engineering
- Interior Design
- Product Design
- Sports Design Engineering
- Model Making
- Construction / Fabrication
- Furniture Design
- Transport Design
- Landscape Architect
- Industrial Designer
- Teacher of Design & Technology

If you don't know what any of these are, ask your Technical teacher for more information. A lot of courses/careers that are design or engineering based required a set mix of subjects to ensure success in that area. Make sure you seek advice from someone who has the correct knowledge.





Practical Woodworking

What is it?

You'll make various woodworking projects, learn about tools and the properties of wood.

What's involved?

Most of the course is practical in nature where you will be working with tools and different types of wood. There will also be theory lessons to cover the required knowledge for the final exam in S4.

How does the course progress?

Practical Woodworking is available at National 4 and 5 in Eastwood as currently the SQA haven't developed a Higher in this subject. We have a range of pupils from those interested in a practical career like joinery, plumbing and electrician...however this is also a good course for those considering becoming a surgeon or a dentist.





Practical Woodwork

Did I do any of this in S1/2

Yes! You've been preparing for this right from when you entered the Technical department in Eastwood. Listed below are some of the projects/tasks you've completed that would be considered as Practical Woodwork...

- **Toy Car**— creating the shape of the body using a combination of smoothing plane, chisel, coping saw and various grades of glass paper. The area where the driver is meant to sit is an introduction to cutting woodworking joints.
- **Cuboid Mascot**— creating the shape and overall construction of your mascot (i.e. how it fits together) using a combination of smoothing plane, chisel, coping saw and various grades of glass paper.
- **Clock** – creating the wooden part of your clock again using a combination of smoothing plane, chisel, coping saw and various grades of glass paper.





Practical Woodwork

What happens in S3?

Using lots of mini projects you'll continue your Broad General Education and continue to up skill in theory knowledge, tools and woodworking processes.

How is it examined?

There are two parts to the final assessment for Practical Woodworking...

- An exam which is worth 30% - completed in exam conditions
- A manufactured object worth 70% - completed in class time with limited teacher help

Do Pupils enjoy the subject?

Yes, a lot of our pupils like that it's very practical, hands on and that skills learned can be used for a variety of other subjects.





Practical Woodworking

What are the Career Options?

- Joiner / Carpenter
- Dentistry (Manual dexterity)
- Doctors (surgery based)
- Architecture
- Model Making
- Cabinet Making
- Construction / Fabrication
- Furniture Making
- Landscape Architect
- Glazier/ Plasterer/ Plumber /Roofer
- Painter & Decorator
- Stone Mason
- Teacher of Design & Technology

If you don't know what any of these are, ask your Technical teacher for more information.



Subjects we Offer – Home Economics

- Health & Food Technology
- Fashion & Textile Technology
- Personal Development

All subjects are accepted entry qualifications for colleges and universities. They are also useful for a range of career options and even running a home!





Health & Food Technology

What is it?

It's a combination of theory and practical based learning which covers use of food, nutrition and food product development.

What's involved?

You'll learn about how food can affect a recipe, nutrition and developing a new product. This will be completed by various tasks which cover all required knowledge. You will be cooking once a week, with the other two periods being theory based.

How does the course progress?

Health & Food Technology is available at National 4/5, Higher and Advanced Higher in Eastwood.





Health & Food Technology

Did I do any of this in S1/2

Yes! You've been preparing for this right from when you entered the Home Economics department in Eastwood. Listed below are some of the projects/tasks you've completed that would be considered as Health & Food Technology...

- **Food Safety** – introduction to working and using food safely in the kitchen
- **Mini Muffins**– developing your own recipe for mini muffins
- **Eat Well Guide**– looking in to how certain food can affect your health. Linking to new government guidance relating to Health & Wellbeing
- **Scottish Diet** – looking in to how the Scottish Diet needs to change in order to improve our health
- **Using Technology** – learning how to use various pieces of technology in the kitchen to make simple recipes.
- **Foods of the World** – research based project where a recipe is developed for a certain country.





Health & Food Technology

What happens in S3?

Using lots of tasks you'll continue your Broad General Education and continue to up skill in food and nutrition knowledge and continue to develop kitchen practical skills. You will be cooking once a week.

How is it examined?

There are two parts to the final assessment for Health & Food Technology...

- An exam which is worth 50% - completed in exam conditions
- An assignment which is worth 50% - this will involve designing, making and evaluating a new food product.

Do Pupils enjoy the subject?

Yes, a lot of our pupils like that it's practical, hands on and that skills learned can be used for a variety of other subjects.





Health & Food Technology

What are the Career Options?

- Teaching – there is a real problem in getting HE teachers just now!
- Hospitality Management/Industry
- Food Product Development/Food Manufacturing & Technology/Food Science
- Sports Coaching & Nutrition
- Chef/Catering Industry
- Tourism
- Health Promotion & Social Care
- Dietetics

If you don't know what any of these are, ask your Home Economics teacher for more information. A lot of courses/careers that are food nutrition or development based required a set mix of subjects to ensure success in that area. Make sure you seek advice from someone who has the correct knowledge.





Fashion & Textile Technology

What is it?

It's a combination of design, theory and practical based learning which covers use of different fabrics and production methods. It's a very creative subject that you get the chance of personalisation and choice.

What's involved?

You'll learn about different materials and production methods while making small fabric or clothing artefacts. You will get the chance to complete lots of projects from the design stage through to production.

How does the course progress?

Fashion & Textile Technology is available at National 4/5 and Higher in Eastwood.





Fashion & Textile Technology

Did I do any of this in S1/2

Yes! You've been preparing for this right from when you entered the Home Economics department in Eastwood. Listed below are some of the projects/tasks you've completed that would be considered as Health & Food Technology...

- **Puppet** – introduction to the fabric room where you got the chance to design and make a hand puppet out of felt. This was assembled using hand sewing only, where you had to cut material using either a given or designed template.
- **Cushion** – this took your knowledge of the fabric room further where you learned how to use a sewing machine. This skill was combined with hand sewing to allow you to design & make your own cushion.





Fashion & Textile Technology

What happens in S3?

Using lots of mini projects you'll continue your Broad General Education and continue to up skill in theory knowledge of materials and fabric production, design and sewing tasks.

How is it examined?

There are three parts to the final assessment for Fashion & Textile Technology...

- An exam which is worth 30% - completed in exam conditions
- A folio which is worth 35% - this is completed in class time with minimal support from teacher
- Manufacturing your design object which is worth 35% - this is completed in class time with minimal support from teacher

Do Pupils enjoy the subject?

Yes, a lot of our pupils like that it's practical, hands on and that skills learned can be used for a variety of other subjects.





Fashion & Textile Technology

What are the Career Options?

- Clothing/textile technologist
- Interior and special designer
- Fashion designer
- Textile designer
- Clothing and manufacturing engineer
- Retail buyer
- Retail merchandiser
- Costume Designer/Assistant/Maker
- Pattern Maker/Cutter

If you don't know what any of these are, ask your Home Economics teacher for more information. A lot of courses/careers that are fabric based required a set mix of subjects to ensure success in that area. Make sure you seek advice from someone who has the correct knowledge.





Personal Development

What is it?

Personal Development is a course that helps build confidence. It allows you to identify areas of weakness and develop those accordingly.

What's involved?

You'll get the chance to celebrate what you consider your strengths are and address your areas of development in order to build your confidence levels.

How does the course progress?

Personal Development is only available at SCQF levels 2 – 4. This is considered a National Progress Award and slightly different to the Nationals you'll be studying in other subjects.





Personal Development

What happens in S3?

Using lots of mini projects you'll continue your Broad General Education and start to improve your levels of confidence in areas of working on your own and as part of a team.

How is it examined?

There is no exam for this subject. Instead you will cover the following units...

- Practical Abilities
- Self & Work
- Self & Community
- Self Awareness

Do Pupils enjoy the subject?

Yes, a lot of our pupils like that it's practical, hands on and that skills learned can be used for a variety of other subjects.





Personal Development

What are the Career Options?

- Events Organisation
- Community Involvement
- Social Care
- Marketing
- Project Management

If you don't know what any of these are, ask your Home Economics teacher for more information.

