D&T *at Balcarras*

Subject	Year	Specialism
Design and Technology	Y10	Textiles

Project

Technique and skill development

Content (Intent)

Prior Learning: KS3 Design and Technology Curriculum

The first term of Design and Technology Textiles is a real introduction to the course covering lots of key practical and theorical skills. The theory topics are taken directly from the GCSE specification and taught on a weekly basis. Practical lessons also take place on a weekly basis and will build and develop on the skills pupils learnt during KS3 textiles.

Future Learning: AQA GCSE Design and Technology Specification

How will knowledge and skills be taught (Implementation)

Practical skills developed and introduced across this first term are:
Threading up a sewing machine and setting it up
Applique/ Reverse applique
Using the embroidery machine, hand embroidery and free hand machine sewing
Using the heat press for transfer inks, prints and plastics
Weaving with different materials
Batik, block(fruit) printing and tie dye
Editing photographs to make new designs (patterns)

Theory topics that are introduced and taught during this first term are:
Sources and origin of textile fibres
Selecting materials and components
Using and working with materials
Forces and stresses
Energy generation and storage
Scales of production
Mechanical devices

These skills will be taught and developed through teacher led revision lessons, demonstrations, creating resources, homework tasks, practice questions and past papers.

How will your understanding be assessed & recorded (Impact)

Assessment
Pupils work will be assessed in a variety of ways
- Teacher assessment
- Written and verbal feedback will be given
- Practical work – verbal feedback given
- Homework will be assessed in line with dept policy
- Exam questions will be used frequently, marked and graded in line with the AQA assessment criteria.
- The end of term mini test will be marked and graded in line with the AQA assessment criteria.

These will be used to build up a clear picture of student effort and progress which will be communicated to parents in interim reports and parents evening in term 2.

Main areas of assessment:
Exercise books/ Classwork
Practical samples of technical skills
Homework
End of term mini test

How can parents help at home?

Students will be given homework tasks on a weekly basis, It would be great if you could remind your child to check the VLE for tasks and keep up to date on homework's. Encouraging creativity, sewing and crafts is a great way of supporting your child in order for them to develop their skills and inspire their individual flare.

Helpful further reading/discussion (including Reading and Vocabulary Lists)

Websites and reading
www.technologystudent.com
https://www.bbc.co.uk/bitesize/subjects/zvg4d2p
https://balcarras.fireflycloud.net/dandt-textiles/gcse-dandt-textiles
CGP - GCSE AQA Design & Technology

Vocabulary
Applique, Embroidery, Batik, Photoshop, 6Rs, Composite, Finite, Reciprocating, Oscillating, Linkages, Levers, prototype, Batch, continuous, Lamination, Compression, tension, Torsion and Shear.

Careers Links
Careers in design, textiles, fashion, making, manufacturing and crafting.