# Cross- Curricular Links

## Sport

Electrical technology in the gym and calculating the reaction time in different sports.

Heart rate and activity monitors to track output.

Blaze pods and application to track reaction time in various sports.

Technological advances in the sporting world such as VAR/ Olympics.

Links to real/current life.

## Digital Functional Skills

### **RSHF**

Students will learn about the online world, including social media, the news, online safety and how to protect selves from fraudulent activity.

Some online programmes will be used during lessons to research, learn and learn more about the specific areas of RSHE being covered each week in the provision.

## Catering

Using various equipment to prepare and make different foods e.g. hob, microwave, toaster, oven.

Use latest equipment to observe the evolution of technology and compare to previous equipment used through the ages.

Researching menus, cooking methods and cuisines from around the world.

Using technology to capture and evaluate performance e.g. photos on ipad or cameras.

The scheme of work for DFS is based around many technological concepts. See SoW, long and short term planning.

# Technological



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## Art

Use of cameras to take photos and different programmes to edit and photoshop.

Students will use various different apps on the ipads and PC's to design and create for different purposes.

Some students will use music, working towards the arts award or as a specific intervention and develop their digital skills linking to making music and songs (and playing instruments and recording.)

Pupils will use machines such as the heat press to make different products.

Extra Curricular Activities and Duke of Edinburgh Award

During chosen physical or gym sessions, the students will access the items identified as above, this is the same a Digital Functional Skills and the Music Studio equipment.

## Construction

Design and technology is covered through engineering and making things happen.

Using the latest power tools and construction aids e.g. electronic laser readers to complete jobs. Electronic levels.

Use computers to research careers, building structures and search engines for ordering construction materials.

## **Functional Skills**

All students complete their baseline and repeated assessments through online platforms.

Lexonic (phonics programme) is an online system for students working at the earlier stages of reading.

Interactive media and online research during some lessons.