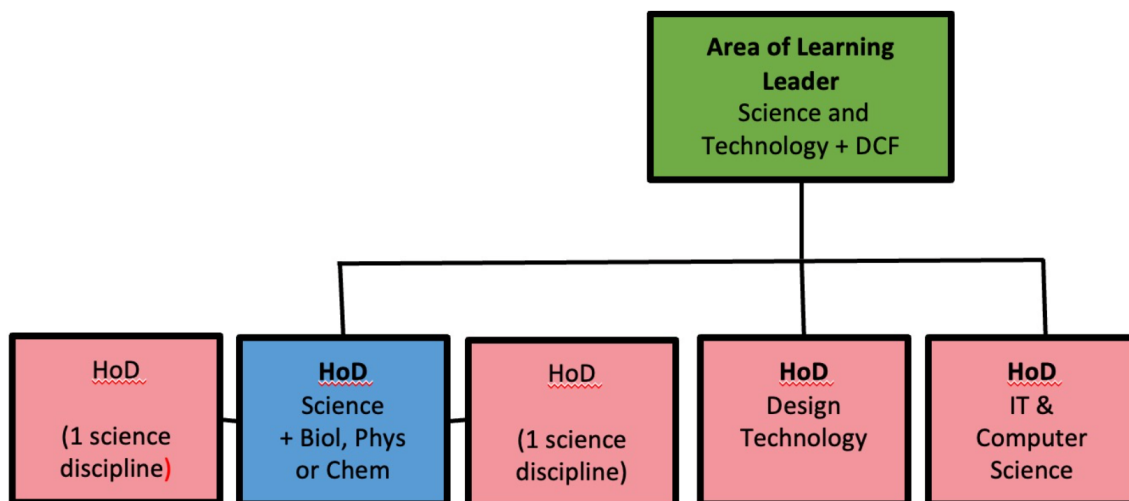# St Cyres School

**Strive Together. Challenge Yourself.
Realise Everyone can Succeed.**

AREA OF LEARNING AND EXPERIENCE
Science and Technology

The importance of science and technology in our modern world cannot be overstated. Developments in these areas have always been drivers of change in society, underpinning innovation and impacting on everyone's lives economically, culturally and environmentally. As such, the Science and Technology Area of Learning and Experience (Area) will be increasingly relevant in the opportunities young people encounter and the life choices that they make.

The Area consists of three key specialist subjects split into five Head of Departments overseen by the AOLL for Science & Technology;

AREA OF LEARNING LEAD for SCIENCE & TECHNOLOGY
LEARNING LEAD
Mrs Jo Rowlands

Insert picture

SCIENCE

Head of Science (Head of department for Biology)
Mr Nick Alford

> Insert picture

Head of Chemistry
Mr Mathew Evans

> Insert picture

Head of Physics
Mr James Odlum

> Insert picture

Science staff also include;
Mrs E Collier
Mrs C Flew
Mrs U Hirani
Dr P Lewis
Dr J Lowes
Mr D McCarthy
Mr C Morgan
Mrs H Paterson
Mr H Thomas
Mr S Thomas

Mr T Power (supply)
Mrs A Hassan

Science Technicians;
Mrs B Steer (Lead Technician)
Mrs L Ong

We offer a wide range of courses within the department;
KS3 (Yr 7 & 8): Science
KS4 (Yr 9–11): GCSE in Separate Science, Double Award Science and Entry Level Science
KS5: AS / A Levels in Biology, Chemistry, Physics, Medical Science (Level 3)

Extra curricular / Enrichment Activities
Science Club for Years 7 & 8
Nuffield Research for Years 12
Olympiad Year 13
Cardiff Metropolitan – work experience

DESIGN TECHNOLOGY

Head of Design Technology
Mr Damian Parker

Insert picture

Design Technology staff also include;
Mrs K Davies
Mrs S Davies
Mr M Hyde
Miss A Keen
Mr B Partridge

Design Technology Technicians;
Ms B Davies (Food & Textiles)
TBC

We offer a wide range of subjects within the department;
KS3 (Yr 7 & 8): Textiles, Design Technology and Food
KS4 (Yr 9–11): GCSE in Construction, Engineering, Product Design and Textiles
KS5 (Yr 12–13): AS / A Levels in Product Design and Textiles

Extra curricular / Enrichment Activities
Exam catch up

IT and COMPUTER SCIENCE

Head of IT and Computer Science
Mr David Morgan / Mr Richard Schofield

Insert picture

IT and Computer Science staff also include;
Mr S Batten
Mrs K Berry
Miss H Turner

We offer a wide range of subjects within the department;
KS3 (Yr 7 & 8): IT
KS4 (Yr 9–11): GCSE in Digital Technology and Computer Science
KS5: AS / A Levels in IT, Digital Technology and Computer Science

Extra curricular / Enrichment Activities
Coding club
Digital Technology Club
IDEA Cours