COMPUTER SCIENCE FACULTY

Aims:
The faculty has highly supportive hard-working staff, committed to helping pupils achieve their full potential. The aims of the faculty fully support those of the school, whilst striving to:

- Develop a sense of passion and commitment to computing and technology
- Promote an enjoyment of learning, where pupils are encouraged to become independent, multi-skilled learners that achieve highly.
- Employ a range of teaching techniques providing equal opportunities to all students.
- Ensure all pupils reach their full potential and to foster a lifelong interest in computing and information technology.
- Enable young people to make sense of the modern world, 'the global village', helping them to become valuable citizens and provide the context and background for all other human activity.

Facilities:
The faculty has three full-size dedicated teaching rooms in the main school. All of which are equipped with computers and interactive whiteboards. The Faculty has also invested in robots in order to enhance the teaching of computing.

Staffing:
The structure of the Faculty from January 2020 is, as follows:

Vacancy	**Head of Faculty**
Aaron Cowley	Teacher of Computing
Kevin Smith	Teacher of Computing/ICT (part-time)

Curriculum:
Computer Science and ICT are increasingly popular subjects with our pupils, with options offered at GCSE and A-level as well as vocational options at KS4/5.

In Key Stage 3
All pupils are offered a 2 hours per fortnight of Computer Science (Maths set 1 &2) and Computer Science/ICT (Maths set 3 & 4).

In Key Stage 4:
Rainhill students take their options in Y8, and start GCSE in Year 9.
Year 9:   BTEC L2 Technical Award in Digital Information Technology and GCSE Computer Science
Year 10:   BTEC L2 Technical Award in Digital Information Technology and GCSE Computer Science
Year 11:   OCR Level 1/2 Cambridge National Certificate in Information Technologies and GCSE Computer Science

Headteacher **Mrs Josie Thorogood**
rainhillhighschool.org.uk • mailmgr@rainhillhighschool.org.uk
Phone **01744 677205**

Warrington Road
Rainhill, Prescot
Merseyside L35 6NY

Sixth Form:

Computer Science A-level was offered for the first time from September 2017 resulting in one student progressing to Girton College, Cambridge to study Computer Sciences. With healthy numbers at GCSE this is seen as a potential growth area. In addition, the Faculty offers a vocational ICT qualification continuing its success with this course from previous years and providing an alternative pathway for students keen to develop their skills in ICT. Small classes allow us to offer personalized support.

Examination Performance - Attainment

	Average Points Score	% A*/A	% A-C
CIDA			
School	3.09	9.5%	63.6%
Computer Science		**% 9-7**	**% 9-4**
School	4.77	22.7%	68.1%

Progress – Value Added

2019	
	Positive SPI
Computer Science	45%
CIDA	64%

Post 16 Performance

	L3 Camtech Intro Diploma			Computer Science	
	No of Students	**ALPS Grade**		**No of Students**	**ALPS Grade**
ICT			**Computer Science**		
2015	4	2	2015	/	/
2016	7	4	2016	/	/
2017	7	2	2017	/	/
2018	3	n/a	2018	/	/
2019	6	4	2019	3	6

Current Student Numbers

	Computer Science	ICT
Year 9	22	24
Year 10	18	20
Year 11	19	12
Year 12	6	0
Year 13	3	5

Headteacher **Mrs Josie Thorogood**
rainhillhighschool.org.uk • mailmgr@rainhillhighschool.org.uk
Phone **01744 677205**

Warrington Road
Rainhill, Prescot
Merseyside L35 6NY

Extra-curricular:
Our students have the opportunity to experience using technology through robotics at KS3 and a coding club has been introduced for girls at KS3 to boost recruitment into Computer Science through the options process.
Students are a welcome presence in the Faculty, to enhance their ICT skills and develop new programming skills, with an open door policy at lunchtime and after school.

Anthony Cunningham
Deputy Headteacher – Director of Studies (line manager of Computing Faculty)
September 2019