

# Computer Science Department

**GCSE Computer  
Science**

BTEC Tech Awards -  
Digital Information  
Technology

The presentation will begin shortly, can we ask that **cameras and microphones are switched off.**

If you have any questions please type in the chat box and we will answer as many questions as possible.

After the presentation, if you have any other questions, please contact **abdul.jalil@stepneyallsaints.school** who will be available up until 6pm



# Computer Science Department

Member of Staff		Contact Detail
Mr A Jalil	Head of Computer Science	abdul.jalil@stepneyallsaints.school
Mr Z Choudhury	2i/c of Computer Science	
Mrs K Deen	Teacher of Computer Science	
Mr E Hasib	Teacher of Computer Science	
Mrs S Begum	Teacher of Computer Science	



# Why you should study GCSE Computer Science or BTEC Tech Award in DIT

Courses available cover a broad range of academic and practical topics with direct links to modern life



Career Opportunities include IT consultancy, Cybersecurity consultant, Information systems manager, Database administrator, Multimedia programmer, Systems analyst. Games developer, Technical Support.



# Pathways

## GCSE Computer Science

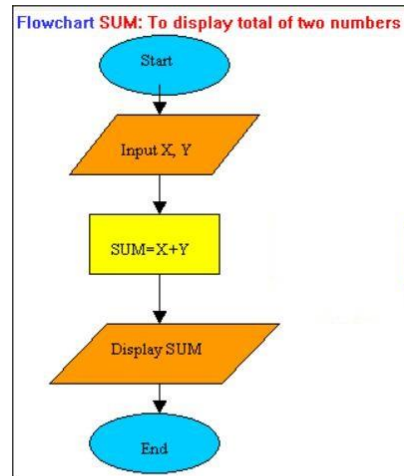
- **Equal to:** 1 GCSE
- **Exam Board:** OCR
- **Exams:** 100% Exam (2 Written Exam at the end of Year 11) – **No resit Allowed**
- **Progression** to A-Level Computer Science at Sixth Form

## BTEC Tech Awards - Digital Information Technology

- **Equivalent to:** 1 GCSE
- **Exam Board:** Pearson
- **Exams:** 1 Written Exam – 1 **Resit Allowed**
- **Project:** 2 Coursework units
- **Progression** available to A-Level Computer Science and BTEC National Computing at Sixth Form



# GCSE Computer Science



www.EasyCodeBook.com  
For Perfect Programming Tutorials

- Inline with new A Level
- A new focus on algorithms and computational thinking

- Use relevant high level languages such as Python
- Projects are focussed on coding
- Relevant and engaging within current tech and for employment prospects

```
*Example_of_IF.py - /home/pi/Python_Code/Example_of_IF.py (
File Edit Format Run Options Window Help
#Example of IF command

#Define variable magic_number
magic=7

#Ask user for a number & evaluate!
guess=int(input('Please guess the magic number: '))

#See if user has entered the magic number

if guess==magic:
    print('Congratulations, that is the magic number!')
else:
    print('Sorry, that is wrong!')
```

# BTEC Tech Award

1 exam (25%) + 1 Retake  
1 project (75%)

Ideal for learners pursuing a career in IT who wish to gain a broad taste of digital skills.  
Teach content such as UI design, cyber security, databases and more.  
Students can progress to further education qualifications such as BTEC Level 3 Nationals or A levels.

Ideal for learners pursuing a career in IT who wish to gain a **broad taste of digital skills**. Content covered include **UI design, cyber security, databases** and more.



## Grading

Internally assessed		Externally assessed		Final qualification grade	
Explore - 30%	+	Develop - 30%	+		=
PASSED		PASSED			



# You decide!

Both the courses are very different. Choose the one suitable for you.

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