

Mathematics



The Birkenhead Park School

Newsletter

January 2019

Careers - Cryptographer

A Cryptographer is responsible for developing security systems using algorithms and cyphers to encrypt sensitive data. A related job role, that of Cryptanalyst, is like the flip side of the same coin. They analyse and decrypt information contained within cipher texts and encrypted data.

The role of cryptographer is vitally important as they must ensure that all of the modern worlds important data, including financial, personal, business and military, is safe from prying eyes. With the continually increasing incidences of cyber-crime being encountered nowadays around the globe, this job is fast becoming an ever more important role in the race to beat the criminals!

Salaries start at **£25 000** and go up to **£100 000!**

Useful websites and keywords

<https://www.wolframalpha.com/> is a computational search engine. Useful not only for mathematics.

Algebra - one of the broad parts of mathematics, together with number theory, geometry and analysis.

BPS Maths Lunchtime Clubs

When? Where?	What?	Who for?	Who with?
Tuesday Student Maths HUB/C11	PiXL APP Club PiXL Timestables	KS3	Miss Holden Mr Taylor Mr Griffiths
Wednesday C16	UKMT	KS3 Interested in problem solving and challenges	Mr Zaremba
Thursday Student Maths HUB/C11	PiXL APP Club PiXL Independent	KS4	Miss Clarke Mr Hughes Mrs Loon
Friday C16	AlgeBROS	KS4 Interested in problem solving and challenges	Mr Zaremba

Maths Challenge

	3		7	8		
		9				
8			6	1	4	5
	1	4				2
			5	2		
6					7	8
2	3	8	9			1
				9		
		6	1		2	

Please submit your solutions to Mr. Zaremba (C16).

First three people with correct answers will be rewarded positive SIMS point.



Leaderboard

