

## **Learning Mathematics in context**

**Tower Hamlets College**

**Session plan**

**Tower Hamlets College**

**Learning plan**

**Creative arts**

Course: BTEC 1st Diploma Media Studies Maths Special		
Lecturer: Nigel Davey		No. of learners: 20
Date: 31/10/07	Time From: 14.00	To: 15.30
Duration: 90	Room: PA201	
Lesson subject/topic: QIA project – maths and the media		
Learning outcomes		
<ul style="list-style-type: none"> <li>• explore use of Mathematics in media work</li> <li>• learners will provide a re-reading of a newspaper article using mathematical tasks.</li> </ul>		
Timing	Learning content	Learning activity
5	Maths in the media	Elicit: when do we use maths in the media? [expect statistics, presenting data, marketing information, budgets tech/£ etc].
10	Using maths in a creative way	Learners watch C12 from Errol Morris Documentary 'The Fog of War' – Robert McNamara, US Secretary of State [equivalent to Condoleezza Rice].
10	Main text	'Whites a Minority in London Schools' [to Board] - what does the headline tell us [scanning reading] read first line [many] Does the headline match the article?
40	Intro to maths part of the session - why numbers are important	Looking at an example of statistics in a local setting including some analysis of how we interpret data, what it tells us, why we need to ask questions, not necessarily accepting things at face value etc. [OHT2]
	Revision of the main techniques	Pie charts, bar charts, OHTs 3 and 4
	Activity - plotting bar and pie charts using data from the article.	Learners work in pairs [task on OHT 5]
5	The news	Straw poll: Do you trust the news? Always/sometimes/never
20	Re-reading the text	Learners think of a new headline based on mathematical extractions.

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Aminul	Aminul's feedback.
ILT/Resources: Maths department	
How this fits with past & future work: A session devoted to the project – to try out in practice previously planned teaching content.	
Assessment: formative	
Differentiation/Feedback: different types of activities to suit different learning styles.	
Evaluation: Consultant Seating: by AH	