



Computing - Data Handling Learning Journey

Computing KS3		Baseline Position											
Topic	ELEMENT	Year Group	Step										
			1	2	3	4	5	6	7	8	9		
Data Handling	I can state the difference between data and information	7	■										
	I can explain what database is and why they are useful	7		■									
	I can use database sorting and filtering	7			■								
	I can illustrate the importance of database maintenance (e.g. backups, security and updating records)	7				■							
	I can complete simple binary conversions (e.g. 101 = 5)	7					■						
	I can complete simple Binary addition calculations	7					■						
	I can examine how text is represented in binary	7						■					
	I can design a simple query using Boolean and relational operators to search for information	7							■				
	I can construct key fields and justify their use	7								■			
	I can describe a DBMS and give reasons why a DBMS is useful	7										■	

Lesson	Learning Focus	Assessment
1	What is Data and what is all the fuss about?	Self-Assessment
2	How can you search and sort data?	
3	How is data saved on the computer?	Self-Assessment / Peer-Assessment
4	How can data be manipulated on a computer?	Teacher Assessment: WWW / EBI
5	Using Databases – Can you catch the criminals?	
6	How do I create my own database?	Self-Assessment
7	Half-term Test	Assessment – Online