

**ICT
AL JAZEERA ACADEMY,
MIDDLE YEARS PROGRAMME, 2009-2010
YEAR 9 –Term 2**

TOPICS	OBJECTIVES	AREAS OF INTERACTION	ASSESSMENT CRITERIA
<p>TOPIC:</p> <p>What are Databases</p> <p>ROLE OF Database in today's society . A database is a collection of data stored in a computer system in some organised fashion so that desired items can be retrieved quickly according to various criteria. Databases may be large or small, on-line or stored locally.</p> <p>Key Questions/Content How can I use the skills of Database to manipulate and create data stores</p> <p>Because of the bewildering array of data how can I organize the database?</p> <p>What is a database?</p> <p>How valuable is it to a company?</p> <p>How important is it to a company?</p> <p>What does a company do to protect their data?</p>	<p>1. Plan and design database, showing how account has been taken of: audience expectations and needs, ICT and data facilities available.</p> <p>2. Use a range of ICT tools efficiently to combine, refine and present information by: extracting, combining and modifying relevant information for specific purposes, structure.</p> <p>3. Understand technical issues involved in efficient electronic communications</p> <p>4. Use of Public Information Systems in communications and keep data safe and secure</p> <p>5. Appropriate display of Information in the form of tables, reports and queries</p>	<p>Approaches to Learning: Learning skills-communication Information processing, organisational skills, Personal Attributes-integrity, Responsibility, reflection and Collaboration Communication- plans and Timelines Reflection Skills- upon Product/solution and the Design cycle</p> <p>Human Ingenuity: Identify the uses of ICT in the Community and industry Evaluate social and ethical values in society Appreciate the use of ICT in the community</p> <p>Community and Service: Identify needs in the local community. Analysis the importance of ICT in the community Reflection of the uses of ICT in the community</p>	<p>MYP ICT assessment criterion:</p> <p>A – investigation (/6) B – design (/6) C – plan (/6) D – create (/6) E – evaluate (/6) F – attitudes in technology (/6)</p> <p>Total: 36 points</p> <p>Assessment Task</p> <p>Students will use database computer application to create and manipulate database files. They must display their data clearly and accurately in a variety of ways including in mail merge</p>