

Computer Science 2210

The City School

Computer Science (2210)

O Level

Syllabus Break up 2018-19

Class 11

Term	No. of weeks	No. of lessons/week	Topic/Unit	Objectives	Resources
1	1-7	9	Programming concepts	<ul style="list-style-type: none">• introduction to programming• declare and use variables and constants• understand and use basic data types: Integer, Real, Char, String and Boolean• understand and use the concepts of sequence, selection, repetition, totaling and counting• use predefined procedures/functions	
1	8-10	9	Databases	<ul style="list-style-type: none">• define a single-table database from given data storage requirements• choose and specify suitable data types	

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				<ul style="list-style-type: none"> choose a suitable primary key for a database table perform a query-by-example from given search criteria 	
1	11-12 13-14	9	Data structures: arrays and using pre-release material	<ul style="list-style-type: none"> declare and use one-dimensional arrays, for example: A[1:n] show understanding of the use of one-dimensional arrays, including the use of a variable as an index in an array read or write values in an array using a FOR ... TO ... NEXT loop <p>Revision</p>	
2	1-16	Revision From Past Papers			