Class of 2025 Computing

Long Term Plan 2021-22

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Cycle 1	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 08/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
		System software Operating Systems	**System software** **Utility software**	**Ethical, Legal, Cultural and Environmental concerns** Impacts on wider society	**Ethical, Legal, Cultural and Environmental concerns** Legislation	**Ethical, Legal, Cultural and Environmental concerns** Review	**Programming** Programming concepts	**Algorithms** Designing, creating and refining algorithms	**Algorithms** Designing, creating and refining algorithms	**Algorithms** Searching algorithms	**Algorithms** Sorting algorithms	**Programming** Selection, sequence and iteration	**Programming** Logic gates
		Remote Task: Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C 14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
	Programming Data types	**Programming** File handling	**Programming** Records and SQL	**Programming** 1D/2D	**Programming** Programming	**Programming** Programming	**Programming** Programming	**Programming** Programming	**Defensive design** Consideration	**Defensive design** Maintainability	**Testing** Iterative vs final	**Testing** Iterative vs final	**Testing** Test data
	Remote Task: Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here
Cycle 3	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
	Programming Programming	**Programming** Programming	**Boolean Logic** Programming	**Programming** High vs low	**Programming** Compiler vs interpreter	**Programming** IDE	**1.1 Systems Architecture**	**1.2 Memory & Storage**	**1.3 Computer Networks Connections & Protocols**	**1.4 Network Security**	**1.5 System Software**	**1.6 Ethical Legal Cultural**	review
	Remote Task: Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here	**Remote Task:** Click here