

**YISHUN SECONDARY SCHOOL
COMPUTER APPLICATIONS
SECONDARY 3 G1 2024**

Computer Applications Curriculum		Key Programmes
In line with the requirements of the CPA Syllabus 7018, the teaching of CPA at YSS focuses on acquisition of skills in using a variety of application software (word processing, computer drawing and image editing, multimedia presentations and documents, spreadsheet calculations and charts, game design, programming) and associated computer hardware to accomplish tasks, communicate, and facilitate activities. Through real life scenarios, they will develop an awareness of how computing technology is used in the home, school, workplace and community and appreciate the role computers play in everyday life as well as the impact computers have on society and people.		Computer Graphics Drawing Competition
Term 1 (Tue 2 Jan1 to Fri 8 Mar)	Chapter	Assessment
Week 1 New Year: Monday	Back to School Programme	
Week 2	CPF 1.1: What are system specifications CPF 1.2: Number of processor cores DOP 1.1: Paragraph Breaks and Soft Breaks. DOP 1.2: Indentations WB DOP 1A: Paragraph breaks and soft breaks	
Week 3	CPF 1.3: Processor speed CPF 1.4: Memory Capacity DOP 1.3: Tab Stops WB DOP 1B: Indentation and tab stops	
Week 4	CPF 1.5: Secondary Storage Capacity CPF 1.6: Display Screen WB CPF 1: System Specifications	
Week 5 WA1 (30 th Jan)	DOP 2.1: Importance of layout DOP 2.2: Creating textboxes	WA1 (Written 40 marks) CPF1, DOP1,2, Sec 2 AGM1,2, SST
Week 6	DOP 2.3: Formatting textboxes WB DOP 2A: Page Layout (Textbox and Columns) DOP 2.4: Setting wrapping style WB DOP 2B: Tables	
Week 7 (12th-13th Feb Mon Tue – CNY)	DOP 2.5: Single or multi column layout	
Week 8	AGM 1.1: Animations and Games WB AGM 1A: Creating games 1 AGM 1.2: Game Design WB AGM 1B: Creating games 2	
Week 9	March Holiday Assignment (Past Year Paper) AGM 2.1: Random numbers	
Week 10	AGM 2.2: Variables WB AGM 2A: Random numbers AGM 2.3: User Input Variables WB AGM 2B: Variables	

Term 2 (Mon 18 Mar to Fri 24 May)	Chapter	Assessment
Week 1 WA2 (19 th March, practical 1hr 30mins)	DOP 3.1: Embedding charts DOP 3.2: Creating watermarks DOP 3A: Embed charts DOP 3B: Watermarks	WA2 (Practical) DOP, AGM
Week 2 (29 th Mar Fri – Good Fri)	CPF 2.1: What is a computer network WB CPF 2A: Computer Network	
Week 3	CPF 2.2: Classifying computer networks CPF 2.3: Intranet and internet WB CPF 2B: Computer Network 2	
Week 4 (10 th Apr Wed – Hari Raya Puasa)	CPF 2.4: Wired and wireless communications CPF 2.5: Network drives HBL: CPF3.1 Computer Crimes	
Week 5	Student Learning Festival HBL: CPF3.2 Malware	
Week 6	AGM 3.1: Mathematical operators WB AGM3A: Operators and conditions 1	
Week 7 (1 st May Wed - Labour Day)	AGM 3.2: Relational operators WB AGM3B: Operators and conditions 2 HBL: SLS on AGM	
Week 8	AGM 3.3, 3,4: Conditional statements WB AGM3C – Conditional statements 1 Coursework	
Week 9	AGM 3.4: Conditional loops WB AGM3D – Conditional statements 2 Coursework	
Week 10 (22 nd May Wed – Vesak Day)	June Holiday Assignment (Past Year Paper) Coursework	

Term 3 (Mon 24 Jun to Fri 30 Aug)	Chapter	Assessment
Week 1	SST 1.1 Conditional Formatting SST 1.2 Sorting Cells WB SST 1A: C-Formatting and sorting 1 WB SST 1B: C-Formatting and sorting 2	
Week 2 (1 st Jul Mon – Youth Day)	SST 2.1: Combination charts SST 2.2: Combination chart elements SST 2.3: Create and edit charts WB SST 2A: Combination chart 1 WB SST 2B: Combination chart 2	
Week 3	SST 3.1: Use of functions SST 3.2: Randbetween function WB SST 3A: Randbetween function SST 3.3: Extracting data SST 3.4: Statistical function WB SST 3A: Left, Mid and Len function	
Week 4 WA3 (16 July)	SST 4.1: Relative cell referencing SST 4.2 Absolute cell referencing WB SST 3C: Mode and median function 1 WB SST 3D: Mode and median function 2 WB SST 4: Cell Referencing	WA3 CPF 1,2, AGM, DOP2,3, SST 1,2,3
Week 5 HBL O Level Oral	CPF 3.3: Security Measures WB CPF 3A: Security and privacy in network 1	
Week 6	SST 5.1: Counting data SST 5.2: Countif function WB SST 5A: Count, counta and countif 1 WB SST 5B: Count, counta and countif 2	
Week 7 (9 th Aug Fri – National Day)	SST 5.3: Relational operators SST 5.4: Conditional function WB SST 5C: IF function WB SST 5D: IF and countif functions.	
Week 8	CPF 3.4: Date Privacy WB CPF 3B: Security and privacy in network 2	
Week 9	Practical Exam Revisions	
Week 10 (29 th Aug Thu – September Holiday Assignment (Past Year Paper) Teachers' Day celeb) (30 th Aug Fri - Teachers' Day Celebration)	Practical Exam Revisions	
Term 4 (Mon 9 Sep to Fri 15 Nov)	Chapter	Assessment
Week 1	Theory paper Revision	

Week 2	Theory paper Revision
Week 3	S1 to S3 End-of-Year Examination
Week 4	S1 to S3 End-of-Year Examination
Week 5	S1 to S3 End-of-Year Examination
Week 6	Script Checking and Review of Exam Papers
Week 7	Post-Exam Programme