

YISHUN SECONDARY SCHOOL

Subject & Code: Computer Applications (7018)

Level & Stream: Sec 2 Normal Technical

The Curriculum and Approaches to Learning		Key Programmes / Competitions
<p>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.</p>		CNY Corel Draw/Inkscape Competition
Term / Week	Learning Experiences (chapter, activity)	Learning Outcomes & Assessment
1	<u>Media Elements (MEL)</u> Bitmap graphics <u>Computer Fundamentals (CPF)</u> Computer software	<p>Key Objectives: Students will edit and work with bitmap graphics and learn the difference between vector and bitmap graphics.</p> <p>Students will learn the current developments in hardware and software.</p> <p>Assessment: Computer Fundamentals (CPF) Media Elements (MEL)</p>
2	<u>Spreadsheets (SST)</u> Data values <u>Media Computing (MEC)</u> Animation Storytelling	<p>Key Objectives: Students will use the spreadsheet for required calculations; and understand the use of formulas, functions and cell referencing.</p> <p>Students will learn how media elements such as text, graphics and sound may be combined into an entertaining multimedia animated story or game.</p> <p>Assessment: Spreadsheets (SST) Media Computing (MEC)</p>

3	<p><u>Media Computing (MEC)</u> Scripting</p> <p><u>Document Processing (DOP)</u> Page properties Text formatting</p>	<p>Key Objectives: Students will be taught programming and problem solving through the activity of storytelling.</p> <p>Students will learn page layout, page and text format.</p> <p>Assessment: Media Computing (MEC) Document Processing (DOP)</p>
4	<p>Revision of Core Skills EOY Examination</p>	