

## School Subjects Introduction

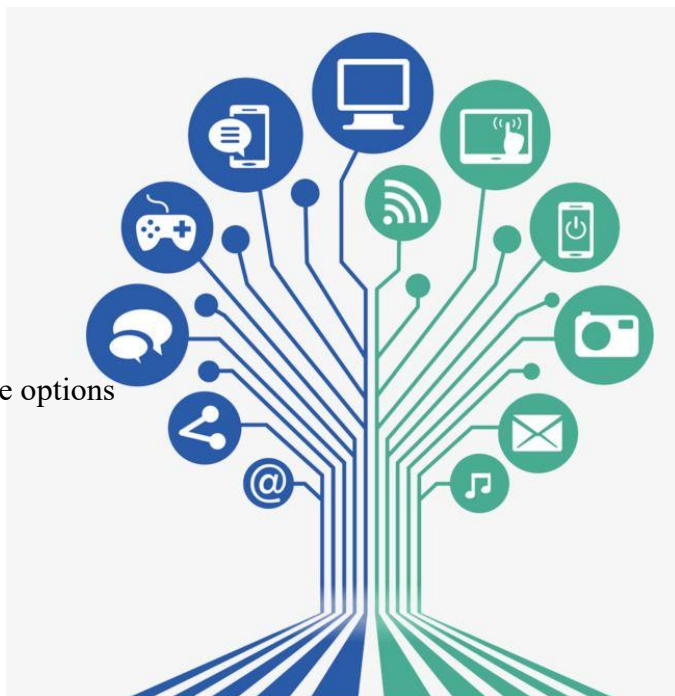
### 12. Information and Communication Technology

#### I. Aims

- provide students with a body of essential knowledge, concepts and applications of information, communication and computer systems;
- equip students with problem-solving and communication skills, and encourage them to think critically and creatively;
- develop students into competent, effective, discriminating, ethical and confident users of ICT, so as to support their lifelong learning; and
- provide students with opportunities to appreciate the impact of ICT on our knowledge-based society, so as to nurture in them positive values and attitudes towards this area.

#### II. Curriculum Structure

- The compulsory part (144 hours)
  - Information Processing
  - Computer System Fundamentals
  - Internet and its Applications
  - Computational Thinking and Programming
  - Social Implications
- The elective part (76 hours)– Two of the three options
  - Database
  - Web Application Development
  - Algorithm and Programming
- School-based Assessment (30 hours)



#### III. Assessment

Component		Weighting	Duration
Public Examination	Paper 1 Compulsory Part	55%	2 hours
	Paper 2 Elective Part	25%	1 hour 30 minutes
School-based Assessment (SBA)		20%	--