

First term

**Examination Portion-Jan 2023**  
**Computing - YEAR 8**

**1. Binary and online graphics**

Lesson 1: Vector graphics

Lesson 2: Creating a vector graphics

Lesson 3: Bitmaps

Lesson 4: Comparing vectors and bitmaps

Lesson 5: Binary and pixels

Lesson 6: Colour depth and binary representation

Lesson 7 & 8: Digital images properties

Lesson 9 & 10: Binary addition

**2. Data on the Web**

Lesson 1: Bits, bytes and nibbles

Lesson 2: Storage capacity

Lesson 3: Binary and Denary

Lesson 4: Creating a 'power of' calculator

Lesson 5: Internet Bandwidth

Lesson 6: Creating a bandwidth calculator

Lesson 7 & 8: Compression

Lesson 9 & 10: Run Length Encoding

Note: Refer TEXTBOOK, PowerPoint presentations  
And worksheets posted in Google Classroom