

## **Revision List for Year 10 December Assessments 2022**

This is a comprehensive list of topics included in the assessments. Knowledge Organisers have been provided for every subject to aid revision. Any further information/ support can be requested from subject teachers.

**English** - skills based test covering language analysis; how characters are presented; how setting is presented.; understanding of how ideas are presented in a text.

**Maths** - place value; four operations with directed number and fractions; order of operations; rounding to decimal places and significant figures; highest common factor and lowest common multiple; simplify algebraic expressions by; collecting like terms, multiplying a single term over a bracket, taking out common factors (factorising), expanding products of two binomials.

**Science:** Cell biology, cell transport, energy, energy of moving particles, atomic structure, chemical bonding.

### **History**

- Types of crime in Medieval England – crimes against person, property and authority (e.g. poaching)
- Types and nature of crime
- Types of law enforcement in Medieval England (especially after the Norman Conquest)

### **Music**

- Time signatures
- Cadences
- Recognising instruments
- AoS1 – Musical Forms & Devices
- AoS2 – Music for Ensemble

### **Computing**

- System Architecture
  - CPU
  - Clock Speeds
  - RAM, ROM, and Cache
  - Secondary Storage
- Data Representation
  - Binary to Decimal
  - Decimal to Binary
  - Binary Addition
  - Hexadecimal
  - Binary Shifting

### **PE**

#### Skeletal/Muscular system:

- Names, locations, types of bones
- Types of joints and joint movements
- Antagonistic pairs
- Muscle fibres

#### Cardio-respiratory system

- Structure of the heart
- Functions of the heart structures
- Functions of the cardio-respiratory system

- Ascii
- Image Representation
- Sound Representation
- **Networks**
  - Topologies
  - LAN & WAN

- Blood vessels
- Vascular shunting/ Redistribution of blood
- Labelling the respiratory system
- The pathway of air
- Mechanics of breathing- Inhalation/ Exhalation
- Lung volumes

## Dance

Safe dance practice  
Dance Skills

## Geography

- Weather hazards to include tropical storms and extreme weather. Case study: Typhoon Haiyan.
- Urban issues and challenges to include megacities, challenges and opportunities in growing cities. Case study: Lagos.

## Spanish

- Describing people
- Relationships/getting on with people
- Marriage/future plans
- What you did recently with a friend
- Social media
- What have you used recently
- Advantages/disadvantages of technology
- Free time
- Extreme sports

## Graphic Design

- Colour
- Line
- Typography
- Tone
- Imagery
- Composition

## Art

- Assessment of art coursework and art objectives 1,2 and 3.
- A01- Research tasks.
- A02- Artist analysis.
- A03- Development of ideas.

## Drama

- **Section A and B of the exam**

## Design & Technology

- Manufactured Board
- Scales of Production
- Electronics
  - Inputs, processes, outputs
  - Electronic symbols
  - Resistor colour codes
  - Flow diagrams
- Natural Timbers

## Business:

- 1.1 Technology and social media
- 1.1 Changes in Consumer wants
- 1.1 Risk and Rewards
- 1.1 Business activity
- 1.1 Adding value
- 1.1 Enterprise
- 1.2 Customer needs

- 1.2 Market Research
- 1.2 Market Segmentation
- 1.2 Market Mapping
- 1.2 The Competitive Environment
- 1.2 SWOT Analysis