



Aspire | Achieve | Thrive

# Revision List

## Year 10

# Top 10 tips to support your child with revision

- **Being a role model** - Help support them with revision by asking them questions, reading their notes and listening to them.
- **Help them set goals** - Encourage them to keep their goals planner visible – e.g. printed and displayed on their bedroom wall. Help focus them and talk to them about their goals regularly
- **Keep them active** - Encourage them to keep active on a daily basis
- **Healthy eating** - Encourage them to eat breakfast everyday. Eating the right food and drink can energise your system, improve alertness and sustain your child through the long exams
- **Time out** - Encourage them to build in opportunities to take some time out every week, away from study
- **Sleep patterns** - Young people need between 8 – 9 hours sleep per night
- **Unplugging** - Encourage them to unplug from technology everyday. Help them switch off from technology at least 30 mins- 1 hr before going to sleep
- **Staying cool & calm** - Promote a balance of their academic studies & other activities during the week
- **Belief** - Give them positive reinforcement
- **Be supportive**

# English

## **Type of assessment**

Feb -100 recall questions.

## **Length of assessment**

1 hour

- I can recall the plot of Macbeth
- I can recall the themes in Macbeth
- I can recall key quotations in Macbeth
- I can recall key characters in Macbeth
- I can recall the key context of Macbeth
- I can recall the plot of A Christmas Carol
- I can recall the themes in A Christmas Carol
- I can recall key quotations in A Christmas Carol
- I can recall key characters in A Christmas Carol
- I can recall the key context of A Christmas Carol

# Maths FOUNDATION

## Type of assessment

50 Mark Recall Assessment, including vocab, fundamental topics and content from Half term 1/2

## Length of assessment

One Lesson

- I can convert FDP
- I can work with fractions
- I can complete the 4 operations with fractions
- I can work with percentages
- I can work with ratio
- I can work with direct proportion
- I can work with powers, roots, index laws
- I can convert between SIF and ordinary numbers and use to calculate problems
- I can use basic algebraic concepts to notate and simplify expressions and equations
- I can substitute into expressions and equations
- I can expand and factorise bracket(s)
- I can solving equations
- I can rearrange formula to change the subject of an equation
- I can find missing angles in polygons

# Maths HIGHER

## Type of assessment

50 Mark Recall Assessment, including vocab, fundamental topics and content from Half term 1/2

## Length of assessment

One Lesson

- I can use and apply all index laws to numerical and algebraic values
- I can read and use standard form for all types of numbers to solve problems
- I can use and apply the concepts of bounds, accuracy and truncation to solve problems
- I can apply all four operations to fractions and mixed numbers to solve problems
- I can solve percentage problems in context
- I can apply ratio concepts to solve problems
- I can use numerical and algebraic methods to solve direct and inverse proportion problems
- I can calculate with surds
- I can work with sequences
- I can expand and factorise brackets and simplify algebraic terms
- I can rearrange all formulae to change the subject
- I can solve any type of linear equation and simple algebraic fractions
- I can solve linear simultaneous equations using any method
- I can solve compound measure problems involving speed, density and pressure.

# Science

## Type of assessment

50 mark recall assessment made up of simple 1 or 2 mark exam questions.

30 mark application assessment made up of a mixture of 2 to 6 mark questions.

Both assessments contain sections on Biology, Chemistry, Physics and some questions about skills in science.

## Length of assessment

One lesson for each assessment

- Biology: I can explain how water and carbon are cycled around the environment.
- Biology: I can explain how organisms are classified
- Biology: I can describe the cell cycle and the two different types of cell division (mitosis and meiosis)
- Biology: I can describe the structure of DNA and how genes are inherited.
- Biology: I can explain how variation in a population can lead to the evolution of organisms better adapted to their environments.
- Biology: I can describe the processes of genetic engineering and selective breeding.
- Biology: I can describe how food molecules are digested using enzymes and transported in and out of cells.
- Chemistry: I can describe the bonding and properties of ionic, covalent and metallic substances
- Chemistry: I can describe crude oil and its uses including how it is separated by fractional distillation and broken down by cracking.

- **Chemistry:** I can explain the difference between exothermic and endothermic reactions.
- **Physics:** I can describe different types of electric circuits and how current, potential difference and resistance are related.
- **Physics:** I can explain the roles and properties of different types of resistors.
- **Physics:** I can describe Newton's three laws of motion and use them to predict the outcome of different situations.
- **Physics:** I can describe the relationship between speed and acceleration and explain how different factors affect the stopping distance of vehicles.

# History

## Type of assessment

50 questions recall test and a skills based question

## Length of assessment

50 minutes

- Germany in 1919
- Threats from the Left and Right
- Weimar Constitution
- Treaty of Versailles
- 1923 Year of Crisis
- Rise of the Nazis
- Munich Putsch
- The Golden Years
- The Leans Years
- Wall Street Crash and the Depression
- Rise of Hitler
- Consolidation of Power
- Henry in 1509
- Rise of Wolsey

# Geography

## Type of assessment

50 question recall test and two extended writing questions

## Length of assessment

50 minutes

- Urban sustainability
- Sustainable living in Freiburg
- Sustainable traffic management
- Bristol: Major UK city and internationally important.
- Impact of migration on Bristol
- Social and economic opportunities in Bristol
- Social and economic challenges in Bristol
- Urban greening
- Environmental challenges in Bristol (Dereliction and urban sprawl)
- Waste management in Bristol
- Urban regeneration (Temple Quarter)
- UK economic sectors
- Post-industrial economy (business and science parks)
- Impact of industry on the environment
- Rural population increase and decline
- Changing transport infrastructure
- North-south divide
- UK and the wider world

# French

## Type of assessment

Vocab recall + listening, reading and writing tasks

## Length of assessment

One lesson

- Talking about where you live, weather and transport.
- Describing a town, asking the way, describing a region.
- Discussing what to see and do in your town/region
- Discussing plans in different weather
- Describing community projects using 3 tenses (present / past / future).

# Art

## **Type of assessment**

Multiple choice questions and practical task in lesson, plus marking of practical work.

## **Length of assessment**

20 minutes + 20 minutes

- Colour theory
- Methods of recording
- Mark making techniques
- Scaling in art

# PE

## **Type of assessment**

Knowledge recall test + 10 marks for application

## **Length of assessment**

One lesson

- Types and provision of sport and physical activity for different types of participant
- Types and needs of sport and physical activity participants
- Barriers to participation in sport and physical activity for different types of participant
- Methods to address barriers to participation in sport and physical activity for different types of participant
- Different types of sports clothing and equipment required for participation in sport and physical activity
- Different types of technology and their benefits to improve sport and physical activity participation and performance
- The limitations of using technology in sport and physical activity
- Planning a warm up
- Adapting a warm-up for different categories of participants and different types of physical activities

# Computing

## Type of assessment

Multiple choice questions on content covered to date.

Exam style questions where students can use a GCSE Revision Guide to support them.

## Length of assessment

One lesson

- Architecture of a CPU : Fetch-Decode Execute Cycle, CPU Components, Von Neumann Architecture and CPU Registers
- CPU performance: Cores, cache and clock speed
- Embedded Systems: purpose and characteristics
- Memory: The purpose of RAM and ROM, Virtual Memory
- Secondary Storage: Types of Store (Optical, Solid State and Magnetic), Capacity, Speed, Portability, Durability, Reliability and Cost of Storage Devices.
- Units of Data Storage: Bits, Bytes, KB, MB, GB, PB, Converting between units (eg convert KB to MB).
- Data Storage (Numbers): Binary to Denary, Hex to Denary, Binary to Hex Conversion, Binary Addition, Binary Shifts
- Data Storage (Characters) : Character Sets (ASCII and Unicode),
- Data Storage (Images): Pixels, Metadata, Colour Depth, Resolution.

# Information Technology

## Type of assessment

Official BTEC Component 1 Assessment on 'User Interfaces' - which will involve a written coursework document and creation of a user interface for a given scenario. This assessment will contribute 30% of students' overall grade in Year 11.

## Length of assessment

8 hours minimum

- Types of User Interface
- Factors Affecting the Choice of User Interface
  - Hardware and Software Interfaces
- Accessibility Needs
  - Skill Level & Demographics
- Design Principles -
  - Visual Elements
  - Design Principles -
    - User Perception
    - Design Principles -
      - Content & Layout
- Efficient User Interfaces
- Planning Tools
  - Visual Planning Tools
  - Methodologies"
- Project Proposal
- Project Plan
- Project Planning
- Project Planning
- Project Proposals
- Designing User Interfaces
- Prototypes
- Project Review

# Drama

## Type of assessment

REAL Comp 1 Assessment on 'Beginnings' - which will involve a written coursework document plus practical engagement in workshop lessons.

## Length of assessment

All lesson in January and February - 10 hours minimum

- I can devise drama
- I can prepare improvisation
- I can spontaneously improvise
- I can perform a range of different characters
- I can interpret script for performance
- I understand how semiotics impact performance
- I can work with a range of others
- I can identify key aspects of naturalistic performance style
- I can identify key aspects of a physical theatre performance style
- I can identify key aspects of an epic theatre performance style
- I can interpret script in performance
- I understand a range of roles within the performing arts and can elaborate on their responsibilities and skills
- I can describe a range of genres
- I can discuss a range of staging formats
- I can describe a range of narrative structures
- I can evaluate the work of self and others
- I can perform using a range of drama techniques

# Food tech/catering

## Type of assessment

Short answer exam based questions (30 marks) and practical task in lesson, plus marking of practical work (20 marks)

## Length of assessment

30 minute theory exam 50 minute practical assessment

- Commercial and non-commercial establishments
- Residential and non-residential establishments
- Types of food service
- Types of contract
- Job roles and responsibilities of the kitchen brigade
- Qualifications needed for the kitchen brigade
- Structure of job roles in a small hotel
- Contract for front of house staff in a hotel
- Dress code for front of house staff
- Job roles and responsibilities for front of house staff
- To be able to follow a timeplan to prepare a dish
- To cook the dish correctly
- To wash and clean your area to a high standard
- To complete the special points in a timeplan

# Modern Britain

## Type of assessment

A mixture of short and extended writing questions. All based on a past GCSE paper for the Term 1 SoW that has been taught on the GCSE Paper 2, Theme A, Religion, Relationships and Families and Theme E Religion, Crime and Punishment.

## Length of assessment

50 minutes/one lesson

- I understand Human sexuality and different religious views
- I understand the nature and the purpose of the family within two different religions
- I understand gender equalities within two different religions
- I understand sex before marriage and the meaning of marriage within two different religions.
- I understand different kinds of family; different types of contraception in two religions
- I understand divorce and remarriage in two different religions
- I can understand what is a crime?; Good versus Evil ; What is an action? and what is an intention?
- I can understand reasons for crime and the different types of crime within two religions
- I can understand within crime and punishment the different types of punishment; I can understand the aims of punishment within two religions.
- I can understand the different types of crime and the law breakers within two religions

- I can understand the different types of suffering and the causes of suffering to others within two religions
- I can understand the treatment of criminals within two religions.
- I can understand the attitude to forgiveness within two religions.
- I can understand the death penalty within two religions.
- I can understand the attitudes towards the death penalty within two religious views.

# Music

## Type of assessment

A mixture of short and extended questions based on a variety of Musical Genres through a listening based exam style assessment

## Length of assessment

One lesson

- I can identify dynamics
- I can identify different tempo
- I can identify a range of instrumentation
- I can identify the structure and form
- I can use Italian musical terms
- I can identify a range of genres
- I can perform using an instrument of my choice
- I can rehearse and improve performance
- I can evaluate the work of self and others
- I can analyse the performances of influential artists
- I can compose music

# HSC

## **Type of assessment**

Official BTEC Component 1 Assessment on 'Factors' which will involve a written coursework document and creation assignment based on factors that impact on development throughout a given lifestage. This assessment will contribute 30% of students' overall grade in Year 11.

## **Length of assessment**

1 hr 30 mins

- Lifestages
- Physical development throughout each lifestage
- Intellectual development throughout each lifestage
- Emotional development throughout each lifestage
- Social development throughout each lifestage
- Factors (Physical, Lifestyle, Emotional, social, cultural, environmental, economic)
- Supportive/unsupportive relationships
- Life events (expected and unexpected)
- Coping with change caused by life events

# CD

## **Type of assessment**

Official BTEC Component 1 Assessment on 'Factors' which will involve a written coursework document and creation assignment based on factors that impact on development of a child. This assessment will contribute 30% of students' overall grade in Year 11.

## **Length of assessment**

1 hr 30 mins

- Growth
- Development across each age group (0-18 months, 18 months-3 years, 3-5 years)
- Centile Charts
- Professionals that support measuring growth and development
- Milestones
- Factors that impact on development (Physical, environmental, social, financial)

# **Business**

## **Type of assessment**

50 question recall test and two extended writing questions

## **Length of assessment**

One lesson

- Dynamic Nature of Business
- Role of Business Enterprise
- Risk and Reward
- Customer Needs
- Market Research
- Market Segmentation
- Competitive Environment
- Business Aims and Objectives
- Business Revenues, Costs and Profits
- Breakeven
- Cash and Cash Flow
- Sources of Business Finance



