



Aspire

Achieve

Thrive

Revision List Year 10

Assessment 1

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

'A Christmas Carol' Exam Essay

Length of assessment

50 minutes

- 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.
- I can analyse Dickens' language in key extracts.
- I can understand Dickens' allegorical message.
- I can use a thesis to introduce an essay.
- I can structure an essay response.
- I can conclude an essay effectively.

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 work rate problems
- 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 work with recipes
- 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 (including rearranging the subject)
- I can perform prime factor decomposition
- I understand and can find LCMs and HCFs using a venn diagram
- I can solve simultaneous equations

Option Science Triple

Type of assessment

Mini Mock on topics covered so far this year.

30 Marks - Completed over 3 lessons.

Length of assessment

Three Lessons

- Describe the process of mitosis
- Describe the structure of DNA
- Explain how cell division occurs and its importance
- Explain how to investigate the effectiveness of different substances as antiseptics or antibiotics.
- Describe how to carry out different food tests.
- Describe the structure of the heart, blood and blood vessels and their importance
- Explain the properties of giant covalent substances like graphite and diamond
- Explain the bonding and properties of metals
- Explain the importance of nanoparticles
- Describe how to investigate exothermic and endothermic reactions
- Describe and explain the process of fractional distillation
- Explain the reactions of alcohols and the formation of carboxylic acids
- Explain how electrical circuits work including resistance in circuits
- Describe and explain the purpose of the National Grid
- Explain how energy is stored and transferred and calculate energy transfers and stores.
- Explain Newtons laws and how they apply to objects

Science

Type of assessment

Mini Mock on topics covered so far this year.

45 Marks - Completed in 1 lesson. 15 marks for Bio, Chem and Phys

Length of assessment

One Lesson

- Explain how electrical circuits work including resistance in circuits
- Describe and explain the purpose of the National Grid
- Describe the process of mitosis
- Explain how to investigate the effect of pH on the activity of an enzyme (amylase)
- Describe how to carry out different food tests.
- Describe and explain the process of fractional distillation
- Explain the difference between endothermic and exothermic reactions
- Explain the properties of giant covalent substances like graphite and diamond
- Explain the bonding and properties of metals
- Describe the structure of the heart, blood and blood vessels and their importance

History

Type of assessment

Cold war until 1981

Length of assessment

One lesson 50 recall questions Second lesson 50 minutes exam style questions

- Grand Alliance and Wartime conferences
- Containment - USA
- Protection - USSR
- Berlin Blockade and Airlift
- Nato / Warsaw Pact / Arms race
- Hungary 1956
- Berlin 1958
- Cuba
- Detente
- Czechoslovakia 1968
- Soviet invasion of Afghanistan and the USA response

Geography

Type of assessment

Past Paper - Paper 2 Section A Exam A mix of short answers and extended writing (one 9 marker)

Length of assessment

50 minutes

- Patterns of urbanisation
- Push and pull factors affecting urbanisation
- Megacities
- Location and importance of Rio de Janeiro
- Social and economic opportunities in Rio
- Environmental challenges of urban growth
- Economic and social challenges in Rio
- Favelas
- Improving life for the urban poor: Favela Bairro Project
- 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

French

Type of assessment

Listening, Reading, Speaking, Writing

Length of assessment

Two lessons

- Who's in my family
- My weekend activities
- My relationships with my friends
- My role model
- How I celebrate special occasions in 3 tenses (present, past, future)

Spanish

Type of assessment

Introducing myself

Length of assessment

Two lessons

- Relationships with family
- Describing my best friend + who i admire
- Food/drink + being healthy

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

Computer Science

Type of assessment

In-class test including exam-style questions on topics covered so far in the Year 10 Computer Science curriculum.

Length of assessment

45 minutes

- 1.1.1 I can describe the architecture of the CPU.
- 1.1.2 I can describe the factors that affect the performance of a CPU
- 1.1.3 I can describe what an embedded system is and identify examples of embedded systems.
- 1.2.1 can explain the need for Primary Storage (RAM, ROM, Virtual Memory) and describe its purpose.
- 1.2.2 I can explain the need for Secondary Storage, recall the types of storage (Optical, Magnetic and Solid State) and describe characteristics of secondary storage
- 1.2.3 I can understand the units of data storage and how to calculate data capacity requirements
- 1.2.4 I can describe denary, binary and hexadecimal numbers and can convert between them. I can perform binary addition and binary shift calculations.
- 1.2.4 I can describe how character sets are stored in computer systems as binary codes.
- 1.2.4 I can describe how images are stored in computer systems and describe factors that affect the quality and size of digital images.
- 1.2.4 I can describe how sound can be sampled and stored in digital form. I can explain the impact of sample rate, duration and bit depth on playback quality and the size of a sound file.

- 1.2.5 I can describe the need for compression and explain the function of lossy and lossless compression techniques.
- 1.3.1 I can describe the purpose and function of networks, including Local Area Networks (LAN) and Wide Area Networks (WAN). I can describe the factors that affect performance on a network.
- 1.3.1 I can understand the function of the Internet as a worldwide collection of computer networks. I can understand the role of DNS, Web Hosting, The Cloud. Web Servers and Web Clients.
- 1.3.1 I can describe the hardware needed to connect stand-alone computers into a local area network. I can describe the function of Star and Mesh network topologies.

Information Technology

Type of assessment

Knowledge recall assessments

Length of assessment

One lesson

- I can understand what a user interface is
- I can identify the different types of user interface and their purposes
- I understand what is meant by Accessibility Needs
Skill Level & Demographics
- I understand the importance of the visual elements in design principles including colours and font style/size
- I understand the importance of the visual elements in design principles including content, amounts and layout
- I understand the importance of the design principles including user perception, retaining user attention and intuitive design
- I can understand how to write a project proposal
- I can create an appropriate plan for a project
- I understand how to create a prototype for a user interface
- I understand how to review a user interface

Drama

Type of assessment

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

Length of assessment

All lesson in January - March - 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

HSC

Type of assessment

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

Length of assessment

6 hours

- 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

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

Media

Type of assessment

Official BTEC Component 1 Exploring Media Products

Length of assessment

10 hours - 3 hours Learning Aim A; 7 hours Learning Aim B

- Writing a Research Log for 3 Media Forms (moving image, print, interactive)
- Analysis of genre, narrative, representation and media production techniques in 2 films
- PSA to be released in January; all Revision Materials in Google Classroom

Photography

Type of assessment

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

Length of assessment

One lesson

- I am able to create a final piece incorporating the techniques used by my chosen Photographer - Research
- Digital and manual editing - creating outcomes
- Understanding of Adobe Photoshop

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across its entire width, providing a guide for handwriting or typing. The paper itself is a clean, off-white color.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

