Scott

Scott Medical and Healthcare College

Care to learn
Learn to care

Revision List
Year 9

January 2024

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

25 question recall test and skills assessment. 20 mark GCSE analysis of an unseen extract.

Length of assessment

One lesson

- Understand the dystopian genre.
- To comprehend the text effectively.
- To make use of the most appropriate synonyms to shape meaning.
- To use punctuation appropriately.
- To use punctuation for an effect.
- To identify language devices.
- To make sophisticated inferences from a chosen text.
- To analyse an unseen extract from The Hunger Games.
- To evaluate language and structure and comment on its impact.
- To respond to a GCSE style question.

Maths

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 the index laws for multiplication, division and raising to another power
- I can calculate with roots and integer indices
- I can read and use standard form for very large and small numbers
- I can apply all four operations to fractions and solve problems
- I can convert fully between fractions, decimals and percentages and make links to ratio
- I can solve ratio problems in context
- I can solve direct proportion problems
- I can solve problems involving inverse proportion e.g. work problems
- I can convert between currencies
- I can solve problems involving simple interest and compound interest
- I can solve original value problems
- I can calculate percentage change

Biology

Type of assessment

30 marks of recall questions (1 or 2 mark exam questions) and 30 marks of application questions (2 to 6 mark exam questions).
The assessments contain sections on Biology, Chemistry and Physics

Length of assessment

Recall - 1 lesson
Application - 1 lesson

- State what prokaryotic and eukaryotic cells are, including the structures and functions.
- Describe how to use a microscope
- Describe how to calculate the magnification of an object
- Explain how the structure of different cells relates to their function
- Compare communicable and non-communicable diseases
- Describe bacterial, viral, protist and fungal diseases
- Describe the barriers humans have to infection
- Describe how cancer develops.
- Describe immunity in humans and how vaccination can lead to immunity
- Describe how to investigate the effect of antiseptics or antibiotics on bacterial growth
- Describe the process of drug discovery and development.
- Describe the production of monoclonal antibodies

Chemistry

Type of assessment

30 marks of recall questions (1 or 2 mark exam questions) and 30 marks of application questions (2 to 6 mark exam questions).
The assessments contain sections on Biology, Chemistry and Physics

Length of assessment

Recall - 1 lesson
Application - 1 lesson

- Describe the differences between atoms, elements and compounds.
- Describe the periodic table and atomic structure
- Explain the differences between mixtures, formulations and pure substances
- Explain how to use paper chromatography to separate mixtures
- Describe the tests for hydrogen, oxygen, carbon dioxide and chlorine.
- Write word equations and balanced equations for chemical reactions
- Explain how Earth's resources can be used sustainably
- Explain how the use of fossil fuels pollutes the atmosphere
- Explain the evolution of the Earth's atmosphere
- Explain how greenhouse gases contribute towards climate change
- Describe the ways of producing potable water

Physics

Type of assessment

30 marks of recall questions (1 or 2 mark exam questions) and 30 marks of application questions (2 to 6 mark exam questions).
The assessments contain sections on Biology, Chemistry and Physics

Length of assessment

Recall - 1 lesson
Application - 1 lesson

- Describe the particle model of matter
- Explain the changes in the arrangement and movement of particles during changes of state.
- Explain what is meant by density and how to calculate it
- Describe how to find the density of objects in the lab.
- Explain the difference between scalar and vector quantities
- Explain the difference between contact and non-contact forces
- Calculate resultant force
- Use distance time graphs to calculate speed and describe the movement of an object
- Calculate and describe acceleration
- Describe Newton's first law and use it to predict the outcome of forces acting on objects
- Describe Newton's second law and use it to predict the outcome of forces acting on objects
- Describe Newton's third law and use it to predict the outcome of forces acting on objects
- Explain how different factors affect stopping distance
- Describe how energy is transferred between different energy stores

History

Type of assessment

50 Question recall test and a skills assessments

Length of assessment

50 Question recall test and a skills assessments

- Formation of Nazi Party
- Police State
- Propaganda
- Dealing with unemployment and working life
- Women in Nazi Germany
- Policies towards youth in Nazi Germany
- Youth Opposition
- Jewish persecution
- Minority Policies
- Ideologies of the Cold War
- Conscientious objectors
- Causes of Cold War

Geography

Type of assessment

50 question recall test and one extended writing question

Length of assessment

50 minutes

- Economic sectors
- Industrial revolution in the UK
- Dereliction and regeneration
- Post-industrial economy
- TNC's
- Clone towns
- Suburbanisation
- Sustainable urban living - Transport challenges
- Sustainable urban living - Transport solutions
- Structure of the earth
- Plate movement (Convection currents)
- Plate margins (Constructive, destructive and conservative)
- Characteristics and formation of earthquakes
- Example - Nepal 2015 earthquake (effects and responses)
- Example - Chile, 2010 earthquake (effects and responses)
- Reducing the risk from tectonic hazards
- Why people live near tectonic hazards

PE (btec sport and coaching)

Type of assessment

25 question test - 2, 3 and 4 mark questions for knowledge recall and application

Length of assessment

One lesson

- Understanding of various types of sport and their features
- Components of fitness
- Sporting examples (skill and fitness related)
- Rules of sports

HSC

Type of assessment

20 questions, 40 marks recall questions from past learning

Length of assessment

One lesson

- Growth and Development including: PIES, Physical Motor Skills, Percentile Charts
- Lifestages
- Primary and secondary care services
- Investigative and diagnostic procedures
- Bacteria, Viruses and Fungi
- Sensory Impairments
- PPE and infection control
- Physiological Disorders

Psychology

Type of assessment
Short response questions

Length of assessment
45 minutes

- Biological approach
- Operant conditioning
- Classical conditioning
- Social Learning Theory
- Psychodynamic approach
- Humanistic approach
- Cognitive approach
- Target populations
- Sampling
- Questionnaires
- Data
- Descriptive statistics
- Graphs and charts
- Animal research
- Nature vs nurture debate
- Free will vs determinism debate
- Reductionism vs holism
- Culture vs gender bias
- Ethics