



# Scott

Scott Medical and Healthcare College

*Care to learn  
Learn to care*

## **Revision List Year 9**

### **Assessment 2**

# **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. 40 mark GCSE non-fiction writing assessment.

## Length of assessment

One lesson

- Prepare for the Spoken Language assessment
- To evaluative non-fiction devices in an unseen speech
- 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 write up the first draft of the Spoken Language speech ready for assessment.

# Maths

## Type of assessment

60 Mark Assessment, including fundamental topics and content from the full year

## Length of assessment

One lesson

- Rounding
- Converting between fractions, decimals and percentages
- Working with ratios
- Increasing and decreasing by percentages
- Finding percentage change
- Finding the original amount before a percentage increase/decrease (reverse percentages)
- Finding error intervals
- Working with direct and inverse proportion
- Converting between currencies
- Working with standard index form
- Finding missing angles in a quadrilateral
- Finding missing angles in parallel lines
- Translating shapes
- Enlarging shapes
- Working with congruent shapes and similar shapes
- Drawing plans and elevations of shapes
- Working with distance/time graphs
- Using Pythagoras' Theorem

- Working with bearings
- Finding Speed/Distance/Time
- Finding the volume of a cylinder
- Substituting into equations
- Solving equations and inequalities
- Changing the subject of a formula
- Working with linear and quadratic graphs
- Solving quadratic equations by factorising
- Working with probability
- Working with frequency trees

# Biology

## Type of assessment

Each assessment contains 30 marks of recall questions (1 or 2 mark exam questions) and 10 marks of application questions (2 to 6 mark exam questions)

## Length of assessment

One lesson

- Rate of photosynthesis
- Investigating photosynthesis
- Transpiration
- Plant Hormonal Control and Coordination (inc practical)
- Sexual and Asexual reproduction
- Evaluating Sexual and Asexual Reproduction
- The Cell Cycle
- Mitosis
- Meiosis
- DNA Structure
- The Human Genome Project

# Chemistry

## Type of assessment

Each assessment contains 30 marks of recall questions (1 or 2 mark exam questions) and 10 marks of application questions (2 to 6 mark exam questions)

## Length of assessment

One lesson

- Ionic properties
- Covalent bonding
- Giant covalent properties
- Alloys
- Ceramics, polymers and composites
- Properties of matter including nanoparticles
- Uses of Nanoparticles
- Crude oil and properties hydrocarbons
- Alkanes and alkenes
- Structure and formulae of alkenes
- Fractional distillation
- Cracking
- Polymers
- Addition Polymerisation

# Physics

## Type of assessment

Each assessment contains 30 marks of recall questions (1 or 2 mark exam questions) and 10 marks of application questions (2 to 6 mark exam questions)

## Length of assessment

One lesson

- National and Global Energy Resources
- Describing Gravitational Potential and Kinetic Energy
- Calculating GPE
- Calculating Spring Constant
- Hooke's Law
- Properties of Waves
- Required Practical 20: Ripple Tank
- The EM Spectrum
- Gamma and X Rays
- UV and Infrared Radiation (inc. practical)

# History

## **Type of assessment**

50 Question recall test and a skills assessments

## **Length of assessment**

50 minutes

- Cold War up to Cuba
- Holocaust
- Events that changed the world up to the Space Race

# Geography

## Type of assessment

50 mark recall test and one extended writing question

## Length of assessment

50 minutes

- Climate and the spread of disease
- Malaria in Africa
- Travel, trade and the spread of disease
- Remote healthcare
- Kiribati healthcare
- 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
- Rivers: Fluvial processes
- Rivers: Erosional landforms
- Rivers: Depositional landforms
- Rivers: River Tees
- Rivers: Hard engineering flood management
- Rivers: Soft engineering flood management

# French

## **Type of assessment**

Listening / Reading / Speaking / Writing tasks

## **Length of assessment**

2 lessons

- Half-terms 3 & 4 : Technology and social media
- Half-term 5: What jobs my family do + What I would like to do

# Spanish

## **Type of assessment**

Listening / Reading / Speaking / Writing tasks

## **Length of assessment**

2 lessons

- Half-terms 3 & 4 : Technology and social media
- Half-term 5: What jobs my family do + What I would like to do

# Health Sciences

## **Type of assessment**

Class assessment recall of HT Term 3, 4, 5 Topics

## **Length of assessment**

One lesson

- Admission to Hospital, Time spent in Hospital, Discharge from Hospital
- Importance of health foods and Diet
- Lifestyle Choices including risks of alcohol
- Job Roles - Midwife, Health Visitor, Nursery/Play leaders
- Types of Play and Learning through play
- Importance of reading

# Psychology

## Type of assessment

A mix of multiple choice questions and short answer responses (ranging from 1 to 4 marks).

## Length of assessment

One lesson

- Approaches
  - Biological
  - Cognitive
  - Behaviourist
  - Psychodynamic
  - Humanist
- Research Methods
  - Target population
  - Sampling
  - Questionnaires
  - Data
  - Descriptive statistics
  - Graphs and charts
  - IVs and DVs
  - Confounding and extraneous variables
- Issues and Debates
  - Animal research
  - Nature vrs nurture
  - Deterministic vrs free will
  - Reductionalism and holism
  - Bias - cultural and gender
  - Ethics

- **The Self**
  - Observations**
  - Lewis and Brooks-Gunn**
  - Erikson**
  - Baumeister - Free will**
  - Rogers - The self and mental health**
  - Maslow - Hierarchy of needs**
  - Eysenck - Personality theory**
- **Perception**
  - Monocular cues**
  - Binocular cues**
  - Visual constancies**

