COMBINED SCIENCE

TRURO COLLEGE

Exam paper practice
Revise and practice exam papers in preparation for your final exam in Science.

YEAR 11

Revision Carousel

Formal Trial Exams

Revision focus: On-line tools and own choice

Rates
Inheritance
Quant.
Chemistry

Required practical: I/V graphs
Electrolysis
Resistors II

Science Skills: Methods
Accuracy
Graphs

Electricity
Magnetism
Electrolysis
Ecology

Formal Trial Exams

Revision focus: Knowledge organisers

Required practical: Osmosis
Extension of spring
Energy Changes

Revision focus: Knowledge organisers/ mind maps

Cells
Forces
Energy
Structure and Bonding
Energy Changes

Assessment: Summer Term

Revision focus: On-line tools

Science Skills: Equations
Errors
Variables

Organisation 2
Magnetism

Revision focus: Self-testing

Required practical: Photosynthesis

Bioenergetics 2
Ecology
Using resources
Rates
Electricity

Assessment: Spring Term

Science Skills: Methods

Required practical: Soluble Salts

YEAR 10

End of year exam

Revision focus: Online tools

Science Skills: Method
Errors Rfs Gas tests
Variables
Evaluation

Chem. Analysis
Rates
Using
Resources
Energy
Changes

Required practical: Food tests
Enzymes

Assessment: Autumn Term

Atomic structure
Atmosphere
Cells
Organisation

Required practical: Energy changes
Rates
Potable water
Chromatography

Science Skills: Quant vs qual
Tangents
Variables

Bonding
Particles
Bioenergetics
Homeostasis

Science Skills: Quant vs qual
Tangents
Variables

Formal Y10 exam

Required practical: Density

Phys. Atomic structure
Quantitative
Chem
Forces
Waves

Revision focus: Picture Notes

Science Skills: Equations
Variables
resolution

Required practical: Acceleration

Revision focus: Flash cards

Chem change
Organic
Infection and response
Chem. Analysis

Revision focus: Mind maps

YEAR 9

Revision focus: Self-testing

Science Skills: Methods
Variables
Means
Areas

Required practical: Waves

Waves
Infection and response

Assessment: Spring Term

Revision focus: Flash cards

Science Skills: Sampling
Bias
means

Chem. Change
Organic Chem.
Quantitative
Chem.
Ecology

Required practical: Ecological sampling

Revision focus: Mind maps

Science Skills: Models
Equations
Unit conversion

Magnetism
Inheritance,
Variation and
Evolution
Energy

Assessment: Autumn Term

Required practical: Energy transfers

Revision focus: Knowledge organisers

Revision focus: Picture notes

Science Skills: Uncertainty
Means
Variables
Evaluation
Equations

Required practical: Reflexes

Electricity
Organisation
Forces
Homeostasis

Required practical: Microscopy

Atomic
Structure
Bonding
Cells
Atmosphere

Science Skills: Pie charts
Modelling
Using equipment
Graphing
Predictions
Converting units

KS4 AQA

Assessment 3: Electricity, Materials and their Uses, Breathing & Respiration Genetics

Physics
Electricity and magnetism, forces re-cap

Science Skills
Hypothesis, predictions and evaluations

Revision focus: Knowledge Organisers

Science Skills
Use all your skills to plan and carryout an investigation

Physics
Electricity
Chemistry
Materials and their uses
Biology
Genetics, breathing and respiration

Science Skills
Tables, graphs and conclusions, writing methods

Revision focus: Self testing

Assessment 1: Waves, Ecosystems, Health & Nutrition

Physics
Energy, the particle model
Chemistry
Chemical Reactions & Analysis

Science Skills
Writing Conclusions, Graphs and Variables

Assessment 2: Chemical Reactions & Analysis, Energy, The particle Model

Revision focus: Mindmaps & Picture Notes

Biology
Health and Nutrition, Ecosystems re-cap
Physics
Waves re-cap

YEAR 8

Assessment 2
The Human Body II, Chemical Reactions, The Earth and Space

Biology
Reproduction
Chemistry
Planet Earth

Science Skills
Graphs & conclusions

Revision focus: Knowledge Organisers, flash cards

Assessment 3: Reproduction and Planet Earth

Physics
Waves
Biology
Ecosystems

Science Skills
writing methods, conclusions

Revision focus: Self-testing

Use Seneca to support with home learning

SENECA

YEAR 7

Join Lego robotics club in yr7 or8!

Science Skills
Variables, tables, Risk assessments

Revision focus: Picture notes, Online tools

Biology.
The Human body II
Chemistry
Chemical Reactions
Physics
The Earth and Space

Science Skills
Risk assessments, Variables, Graphs.

Physics
Forces & motion
Biology
The Human Body
Chemistry
Particles

Revision focus: picture notes

Assessment 1
Lab safety, particles, forces & motion.

Revision focus: mind maps

Introduction to Lab safety: Working Scientifically

WELCOME
To Wadebridge School and the Science department!

KS3