COMBINED SCIENCE

TRURO COLLEGE

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

YEAR 11

Revision Carousel
Rates
Inheritance
Quant.
Chemistry

Formal Trial Exams

Revision focus: On-line tools and own choice

Electricity
Magnetism
Electrolysis
Ecology

Required practical: I/V graphs
Electrolysis
Resistors II

Science Skills: Methods
Accuracy
Graphs

Formal Trial Exams

Revision focus: Knowledge organisers

Required practical: Food tests
Enzymes

Assessment: Autumn Term

Cells
Forces
Energy
Structure and Bonding
Energy Changes

Required practical: Osmosis
Extension of spring
Energy Changes

Revision focus: Knowledge organisers/ mind maps

Science Skills: Quant vs qual
Tangents
Variables

Assessment: Summer Term

Formal Y10 exam

Organisation 2
Magnetism

Revision focus: On-line tools

Science Skills: Equations
Errors
Variables

Science Skills: Equations
Variables
resolution

Revision focus: Self-testing

Required practical: Photosynthesis

Bioenergetics 2
Ecology
Using resources
Rates
Electricity

Revision focus: Flash cards

Assessment: Spring Term

YEAR 10

End of year exam

Atomic structure
Atmosphere
Cells
Organisation

Revision focus: Online tools

Science Skills: Method
Errors Rfs Gas tests
Variables
Evaluation

Required practical: Energy changes
Rates
Potable water
Chromatography

Science Skills: Quant vs qual
Tangents
Variables

Bonding
Particles
Bioenergetics
Homeostasis

Revision focus: Flash cards

Science Skills: Sampling
Bias
means

Required practical: Density

Revision focus: Picture Notes

Phys. Atomic structure
Quantitative
Chem
Forces
Waves

Revision focus: Mind maps

Assessment: Autumn Term

Required practical: Acceleration

Chem change
Organic
Infection and response
Chem. Analysis

Revision focus: Picture notes

Science Skills: Methods

Required practical: Soluble Salts

YEAR 9

Chem. Analysis
Rates
Using
Resources
Energy
Changes

Revision focus: Self-testing

Science Skills: Methods
Variables
Means
Areas

Assessment 3: P2.1 C2.3 C2.1 P2.3

Required practical: Waves

Waves
Infection and response

Assessment: Spring Term

Chem. Change
Organic Chem.
Quantitative
Chem.
Ecology

Required practical: Ecological sampling

Science Skills: Models
Equations
Unit conversion

Required practical: Energy transfers

Magnetism
Inheritance,
Variation and
Evolution
Energy

Revision focus: Knowledge organisers

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

Big Practical investigations

Science Skills
Method, Risk assessment, Graph

Revision focus: Self testing, online tools, knowledge organiser

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

P2.1
Electricity
C2.3
Chemical reactions
C2.1
Periodic table
P2.3
Forces

Science Skills
Variables, tables, method, conclusions, evaluation, bias

Assessment 2: C2.4 B2.3 P2.2

Revision focus: Mind maps, Picture notes

C2.4
Earth and Atmosphere
C.3
Earths resources
B2.3
Inheritance

Assessment 1: C2.2 B2.1 P2.2

Science Skills
Variables, tables, method, conclusions, evaluation

Revision focus: Knowledge Organisers
Flash cards, Picture notes, mind map

C2.2
Atomic structure
B2.1
Organisation
P2.2
Energy

YEAR 8

Assessment 3
P1.2 B1.3
P1.4

Revision focus: Knowledge Organisers, flash cards and self-testing

B2.2
Ecology and Bioenergetics
C1.3
Chemical Reactions

Science Skills
Hypothesis, tables, charts, conclusions

Revision focus: Online tools, picture notes

Assessment 4: B2.2 C1.3

P1.3
Waves (Light)

Science Skills
Risk assessments
methods
evaluation

Revision focus: Knowledge Organisers, mind map

P1.2
Waves
(sound)
B1.3
Inheritance
P1.4
Space

Science Skills
Risk assessments
conclusions, line graphs

Join Science club in year 7 or 8 or try Lego robotics or STEM club!

Assessment 1
P1.1. B1.1 C1.1

Science Skills
Variables, tables, line graphs

B1.2
Organisation
C1.2
Atomic Structure
C1.4
Acids and Alkalis

P1.1
Forces
B1.1
Cells
C1.1
Particles

YEAR 7

Assessment 2
B1.2 C1.2 C1.4

Revision focus: Knowledge Organisers, flash cards and self-testing

Science Skills
Risk assessments, conclusions, Bar charts

Revision focus: Knowledge Organisers, picture notes, mind maps

Introduction to Lab safety: Working Scientifically

WELCOME
To Wadebridge School and the Science department!

KS3

kerboodle

Use ***kerboodle.com*** to access ***Activate*** online texts
Username = ws number
Password = ws number
Organisation code = ta2