



Highclare School

U3 Curriculum Plan

This curriculum plan includes an outline of the topics and themes studied in each subject throughout the year.

In addition to the subjects listed, Upper Third pupils have an hour long Enrichment lesson each week where they rotate round a variety of activities, and also two half hour sessions of Skills and Values.

The table below shows the time allocated to each subject per week.

| Subject | Hours |
|---------------------|-------|
| Art | 1 |
| Design & Technology | 1 |
| Drama | 1 |
| English | 3.5 |

| Subject | Hours |
|------------------|-------|
| Food & Nutrition | 1 |
| French | 2 |
| Geography | 1 |
| History | 1 |

| Subject | Hours |
|--------------------|-------|
| ICT / Computing | 1 |
| Mathematics | 3.5 |
| Music | 1 |
| Physical Education | 2.5 |

| Subject | Hours |
|-------------------|-------|
| PSHCE | 0.5 |
| Religious Studies | 1 |
| Science | 3 |
| Enrichment | 1 |

All KS3 pupils have internal school examinations in all subjects (except Drama, PSHCE and PE) in the week before half term in the summer term.

We hope that you find the plan informative and useful.

Mr M Coles
Deputy Head of Senior School: Academic

Subject

Autumn term

Spring term

Summer term

Art

Exploration of theme 'Still Life'
Baseline Test
Tonal study of a drinks bottle
Introduction to the Visual Elements in Art
Drawing 3D Shapes
Line, value and texture
Drawing in pencil, biro and ink
Pressure control and tonal variety
Mark making
Assessed work
Tonal study of a drinks can

Exploration of the theme 'Cubism'
Space, shape, pattern and colour
The colour wheel
Colour Theory & Terminology
Flat colour, tints and shades
Acrylic paint techniques
Assessed work
Cubist still life of modern objects

Exploration of the theme 'Pop Art'
Learning techniques for freehand sketching cartoon characters
Using basic Photoshop skills to create a repeat pattern
Mini-project looking at Graffiti lettering.
Assessed work
Pop art trainer featuring cartoon character (End of year Examination)

Design & Technology

Unit 1 – Designing for People

- Needs of the User
- Product Analysis
- Other research techniques

Unit 2 – Jewellery Box

- Design Brief and Specification
- Man-made boards theory
- 2D and 3D drawing techniques
- 2D CAD – using Techsoft Design v3
- Introduction to CAM – using the laser cutter

Unit 3: Gift Bag - Textiles

- Design Brief and Specification
- Machine skills
- Health and Safety
- Seams and Finishes

Unit 4 – Paper Making

- Design Brief and Specification
- Papermaking
- Material sources and stock sizes
- Finishes and weights

Unit 5 – 3D printed Jewellery

- Design Brief and Specification
- 3D CAD – using Sketchup online
- 3D Modelling
- Using the 3D printer

Unit 6 – Assembly, Evaluation and Testing

- Product Completion and Assembly
- Product testing
- User feedback

Drama

Introduction to Drama
Confidence-building games
Bugsy Malone – scenarios, acting for an audience
Mime and setting the scene

Characterisation
Developing gesture, facial expression and dialogue.
Acting technique

Melodrama
Hero, villains and damsel in distress.
Devising a performance based around a cartoon

Subject

Autumn term

Spring term

Summer term

English

Transition unit
Baseline assessments in reading and spelling
Creative writing: short stories based on the theme of transformation
Reading of *Cirque Du Freak* by Darren Shan
House poetry competition
Class novel: *The Bone Sparrow* by Zana Fraillon
Non-fiction texts based on theme of refugees and asylum seekers.

Introduction to Shakespeare
Study of *Hamlet and The Tempest*.
Study of short stories from a collection of 'Sinister Stories'.
Explorations into creative writing and reading

Explorations into creative writing and reading.
Persuasive and argumentative writing in non-fiction called 'What on Earth?'
Presentation to the class on a topic linked to the persuasive unit.

Weekly spelling test of 10 spellings and grammar task. Independent reading.

Food & Nutrition

Introduction to Food and nutrition
Hygiene and safety
The 4C's
How to wash up successfully
Where do bacteria come from
Growth of micro-organisms
Taste testing
High risk foods

The Eatwell guide
Healthy eating guidelines
Obesity and sugar
Nutritional needs

Allergens
Where ingredients are grown
Seasonality
Food waste
Food packaging

Practical demonstrations and practical skills lessons throughout the year

French

Half term trial rotation - French and Spanish

C'est moi

Introducing yourself – name, age, birthday
Numbers 1-31

Brothers and sisters

Culture: MFL House competition – **Paris project**

Culture: Christmas in France, MFL House
Christmas card competition

C'est perso

Likes and dislikes
Describing yourself and others
(physical appearance and character)

Mon collègue

School subjects
Justified opinions
Telling the time
Describing school day
Snack food

Mes passetemps

Computers and mobile phone use
Sports and hobbies

Culture: The French Revolution

Subject

Autumn term

Spring term

Summer term

Geography

Thinking like a Geographer

Different types of Geography
Locational world map knowledge.
Looking at different uses/types of maps.
Longitude and latitude
OS map work introduction
Political/physical maps of the UK
OS Map symbols
4/6 figure grid references
Showing heights on a map
UK Place study:
Population and tourism in the UK.

Weather and Climate

Weather and climate
Measuring the weather
Water cycle
UK climate
Global climates vs UK climate
Local climate study (Highclare
Microclimates)

Settlement and Lichfield Fieldtrip

What is settlement
Settlement site and situation
Patterns of urban land use
Our place: Growth of Birmingham over time
Our place: Redevelopment of Birmingham.
Lichfield fieldtrip and write up
Causes of urbanisation
Advantages and disadvantages of urbanisation.
Life in the Slums.
Sustainable cities

History

The arrival of the Romans, Anglo-Saxons and Vikings
William the Conqueror and the Battle of Hastings
The Norman Conquest
Assessed essay on the Battle of Hastings

The Medieval World:

The rise of the Islamic Empire
The Crusades
The empires of Mansa Musa and Genghis Khan
The Peasant's Revolt

Medieval Life, areas studied include:

The Black Death
Society
Entertainment
Warfare

ICT & Computing

Online Safety
Computer Systems
Using programming constructs in Scratch
Advanced Scratch House Competition

Webpage design using HTML & CSS

Python Programming Introduction
Using programming constructs in Python

Subject

Autumn term

Spring term

Summer term

Mathematics

Unit 1 Analysing and displaying data:
Mean, mode, median, range. bar charts, compound bar charts, dual bar charts and pictograms.

Unit 2 Number Skills

Mental maths, addition and subtraction, multiplication and division, money and time, negative numbers, factors, multiples and primes, square numbers

Unit 3 Expressions, functions and formulae

Functions, simplifying expressions, formula

Unit 4 Decimals and measures

Decimals and rounding, Length, mass and capacity, Working with decimals, perimeter and area

Unit 5 Fractions and percentages

Comparing fractions, simplifying fractions, working with fractions, Fractions and decimals, Understanding percentages, Percentages of amounts,

Unit 6 Probability

The language of probability, calculating probability, experimental probability, expected outcomes

Unit 7 Ratio and proportion

Direct proportion, writing ratios, using ratios, ratios, proportions and fractions, proportions and percentages

Unit 8 Lines and angles

Measuring and drawing angles, lines angles and triangles, drawing triangles accurately, calculating angles, angles in triangles and quadrilaterals

Unit 9 Sequences and graphs

Sequences, pattern sequences, extending sequences, position to term rules, coordinates and midpoints, straight line graphs

Unit 10 Transformations

Congruency and enlargements, symmetry, reflections, rotations, translations, combined transformations

Pupils are taught in form groups until October half term then set into an upper and lower set for Mathematics.

Music

Musical-theory baseline test
Find your voice! Singing for all, including the teaching and learning of the School Hymn
Introduction to the Elements of music & patterns in music
Instruments of the orchestra

Keyboard Skills
Scales & Melodies
Ensembles Music
African Drumming

Musical Contexts
Improvisation
Culture and Ritual in music
Examination preparation

Physical Education

Swimming
Netball
Hockey
Football
Rugby
Indoor Athletics

Swimming
Indoor athletics
Health and fitness
Gymnastics
Netball
Hockey
Football
Rugby
Basketball

Athletics – track and field
Rounders
Cricket
Softball
Tennis

Subject

Autumn term

Spring term

Summer term

PSHCE

What is bullying
Anti-bullying
Gangs and other worrying things
E-safety

Human rights – the Equality Act
Refugees and asylum Seekers
Prejudice and the dangers of a prejudice society
My identity

Friendships, hierarchy and peer pressure
Puberty and mood swings
What is sex?

Religious Studies

Comparative Religion
How did religion develop?
Where are the religions practiced?
What is religion all about?
How do religions use symbols?
What teachings do religions have in common?
How do religious people express their faith?
What practices do religions have in common?

Judaism 1
What does it mean to be Jewish?
How are Jewish people divided?
How are Jewish people guided in life?
Which books are special to Jews?
What is the Jewish place of worship?
End-of-topic assessment

Christianity 1
Is Christianity still important in the UK and the world today?
Can one thing also be three?
Is every child special when born?
Can anyone perform a miracle?
Key word assessment and why
Do people tell stories?

Christianity 2
Two Greatest Commandments
Love your neighbour/moral code
Jesus man of peace or conflict?
Life of Jesus – death and resurrection.
Is Christmas just for Christians?
End-of-topic assessment.

Islam 1
How did Islam begin?
How did Islam grow?
What are Muslim key beliefs?
Where do Muslims worship?
Key word assessment + how does Islam contribute to UK culture?

Hermeneutics (interpretation) of the Bible
What is the Bible? Is it relevant today?
Introduction to hermeneutics.
Hermeneutics paired parable task (the good Samaritan)
ICT paired hermeneutics task
Hermeneutic paired presentation.

Subject

Autumn term

Spring term

Summer term

Science: Biology

Movement and Cells

A deep-dive into the human skeleton and an Introduction into the unit that makes up all life including the organelles and their functions, 'Cells'. Students look at the adaptations of plant and animal cells and make links between features and survival.

Plant biology and ecological relationships

This unit enables the learning of plant fertilisation, growth and survival as well as the role of insects in establishing an ecological balance.

Reproduction

Students look at both sexual and asexual reproduction. This unit primarily focuses on human sexual reproduction and the stages of pregnancy. Again this builds on previous 2 biology topics covered.

Chemistry

Particles and their behaviour

A unit looking at matter, states of matter and the interactions of particles with one another. A brilliant conceptual introduction that builds on KS2 science and gives students an increased literacy of the particulate building blocks of the universe.

Acids and alkalis

Students look at the characteristics and properties of acids and alkalis, and quickly advance to understanding the importance of the neutralisation reaction between acids and alkalis.

Chemistry of our universe

The topic of space enables students to understand the chemical structure of the Earth (including the rock cycle) and its place in the wider universe – students learn about day/night and seasons.

Physics

Forces

Students learn about speed and motion, and how contact and non-contact forces affect motion. They investigate practical situations involving forces including those involving resistive forces and Hooke's Law.

Electricity and magnetism

Students learn about current and potential difference in a circuit as well as the underlying phenomena of resistance and its effect on current. Students investigate relationship between current and potential difference through a filament bulb, using ammeters and voltmeters to do so.

Energy

This unit enables students to discover the fundamental principles of energy and energy transfers. Students will examine the domestic use of electricity and evaluate sustainable management of energy resources to generate electricity.

Subject

Spanish

Autumn term

Half term trial rotation - Spanish and French

My life:

Pronunciation

Masculine and feminine

Introducing yourself – name, age, birthday

Numbers 1-31

Character descriptions

Brothers and sisters

Pets

Grammar: Adjective endings , tener,

Culture: MFL House project Research

Hispanic countries

Culture: Christmas in Spain, MFL house

Christmas card competition

Spring term

My free-time:

What you like to do

Activities you do

Weather

Sports activities (hacer / jugar)

Grammar: Me gusta + infinitive, present tense of –AR verbs, cuando + weather, the verbs hacer and jugar

My School

Opinions about school subjects

School facilities

Break time activities

Describing your school

Grammar: Regular AR, ER, IR verbs – different persons of verb, me gusta(n) + nouns

Summer term

My Family and friends

Family members

Physical descriptions

Where you live

Grammar: Possessive adjectives, verbs ser & tener, verbs in 3rd person, verb 'estar'