COPTHORNE
PREPARATORY SCHOOL



Year 6 Curriculum Handbook

Summer Term 2019

every child counts

Contact Details

Important Telephone Numbers

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Important Email Addresses

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Contact Details

Welcome to this term's handbook

Details of your child's teachers and their contact details are provided. You will also find information of what they will be covering in each subject. Should you have and queries or concerns your child's tutor is your first port of call.

However, as the Year 5 & 6 Co-ordinator I am here to support and monitor your child's progress from Year 5 and through Year 6.

Mrs L Dodson

Years 5 & 6 Co-ordinator

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English

'Macbeth'

Shakespeare is at the heart of our literary heritage and children as well as adults can enjoy the magic of his plays. In the Summer term, year 6 will study 'Macbeth', the Scottish play! Our students will watch an adaptation of the play as well as study key scenes, with ample opportunity for Drama.

This term we will learn

- About the plot of the play and the central characters
- How to read Shakespearean English and unpick some of the imagery he uses
- How to understand some of the central characters
- About poetic form, including Lady Macbeth's dialogue and the poetic structure of a sonnet
- How to persuade audiences with rhetorical devices

Outcomes include

- A 150 word synopsis of the play, encouraging students to choose their words carefully and craft ideas succinctly
- A character analysis of Lady Macbeth focusing on language
- Newspaper report on the death of King Duncan
- Creation of a poison and a pitch to promote it
- A sonnet for more able pupils

Measurement and Time

- Imperial and metric measures
- Conversion between units to include km-m, kg-lb and feet-metres
- Speed/distance/time problems for more able

Transformations

- Translate, reflect, rotate and enlarge shapes
- Identify single transformations which map shapes

Solve Equations

- Simple linear equations with whole number answers
- Focus on method demonstration when solving equations
- Solve equations with brackets
- More able fractional equations and fractional answers

Directed Numbers and Substitution

- Understand and apply rules when using negative numbers
- Substitute into expressions using both negative and positive integers
- More able to work with decimals and fractions in substitution

Decimal Places and Significant Figures

- Write answers to the given degree of accuracy - decimal places or significant figures
- Understand when to round up or when to leave
- Checking answers are of the right magnitude with estimation

Key Words

measure	km	cm	miles	lb
kg	units	conversions	time	speed
distance	transformations	reflect	rotate	translate
vector	enlargement	equation	solve	substitution
formula	expression	directed	negative	integer
decimal places	significant figures			

Science

Electricity and Energy

This term we will learn

- Some uses of electricity
- How to be safe with electricity
- About materials as conductors and insulators
- What is a complete circuit
- How to connect a complete circuit
- The circuit symbols and how to draw a circuit
- How to interpret a circuit diagram
- What is a series circuit
- To identify problems with circuits
- That electricity is a form of energy
- The main types of energy
- That most of our energy comes from fossil fuels
- How fossil fuels are formed
- To recognise the alternative forms of energy
- To understand the issues surrounding fossil fuels and renewable energy sources

Key Words

circuit	conductor	insulator	series	fossil fuel	oil
gas	coal	biofuel	geo-thermal	wave	tidal
solar	wind	biomass	hydro-electric	turbine	power

Rocks and Soil

This term we will learn

- The three main properties of rocks
- How this makes them suitable for building
- Where rocks come from
- How soil is formed
- About the properties of soil
- To apply the properties to different soil types

Key Words

igneous	sedimentary	metamorphic	composite	sand	gravel
silt	clay	humus			

Law and Order in Medieval England. Women in medieval England

This term we will learn

- What crimes did people commit?
- How were criminals caught in the Middle Ages?
- Medieval Trials
- Joan Arsic
- Church Courts
- Punishments
- Dame Claramunda
- Eleanor of Aquitaine

Enquiry Skills Focus

- Develop interest in History
- Investigate different sources to find out about Crime and the lives of women
- Work with peers to discuss and debate cause and consequence in the period examined
- Learn to sequence and order events chronologically

Skills required in exams

- Analysing sources in Evidence Questions
    - comparing sources for agreement and contradiction
    - corroborating information using sources
    - analysing the provenance of sources to determine their reliability

  An example of an exam style evidence question is available on the VLE along with a planning grid to help students structure their answers. This question will be explained and planned in class and completed for prep this term.

Key Words

Punishment	committed	violence	plundering	Justice
Hue and Cry	Constable	Curfew	eyre court	evidence
Humiliation	treason	taxation		

Geography

The Indonesian Tsunami

This term we will learn

- About the basic causes of the tsunami including the concept of moving crustal plates
- About the effect that the tsunami had on different countries to introduce an idea of the scale of the event
- About the main effects of the disaster in terms of shelter, schools and hospitals, transport, jobs and tourism
- About responses to the disaster from people organisations and governments
- How the effects of future tsunamis might be reduced - this needs to include both prediction and preparation

Ordnance Survey

As a preparation for the start of Year 7, the second half of the term will be based on map work.

This term we will learn

- How we can use maps and that they are produced using differing scales
- About the use of direction – cardinals and half cardinals
- To measure distances on maps using the line scale
- To interpret symbols
- To use 4 and 6 figure grid references to locate places on OS maps
- How height is shown on maps – the use of contours and the patterns they show to indicate various relief features
- About the description of routes

Resurrection, Ascension, The Early Church and Hinduism

This term we will learn

- What happened on the first Easter morning
- To compare and contrast material from different sources
- To consider and raise questions about the different Christian accounts of what happened
- That Christians believe followers of Christ will rise from the dead
- The story of the Ascension
- That Christians celebrate the end of Jesus' time on Earth in the festival of Ascension Day
- Jesus' disciples received God's Holy Spirit at Pentecost.
- This is also called Whitsuntide
- The story of Stephen – the first martyr
- That, right from the start, the followers of Jesus had been prepared to give up their lives for him
- About the conversion of Saul on the Road to Damascus
- God sometimes uses the most unlikely people for his most important work
- What the main Hindu festivals are
- When Diwali is celebrated
- How Diwali is celebrated

Music

Samba Carnival Style

This term we will learn

- Names of samba instruments and understand basic cues
- The role of a Samba Maestro
- Follow a Samba Maestro in performance
- To understand the term polyrhythm
- To be able to perform own part in time with others.

Ongoing skills

- Singing and keyboard skills
- Drumming skills
- Composing
- Ensemble skills (through paired tasks)
- Performing and communicating with an audience

Key Words

melody harmony improvisation chords sequence

Modern Foreign Languages (MFL)

Overview

Pupils will continue to focus on all four skills in both French and Spanish: speaking, listening, reading and writing.

French

This term we will learn

- Interrogatives
- House and home
- Writing skills
- Creating a personal dossier

Spanish

This term we will learn

- School subjects
- Impersonal verbs
- The present tense
- Adjectives
- Telling the time

The children will continue to look at exam techniques in preparation for the exams after half-term. Pupils will also be encouraged to continue to use both Vocab Express and Linguascope at school and at home.

Art

Natural Forms, Clay and Felting

This term we will learn

- Observational drawing
- Techniques for carving and joining clay
- Decoration and embellishment
- Glazing
- How different fabrics are held together
- To make felt

Key Words

observational	clay	slip	slab	rough
smooth	modelling	wool	warp	mat
fibres	friction			

Databases

This term we will learn

- The role and use of databases
- The role of queries to locate records
- That data can be presented in a variety of ways
- Data validation techniques and the correction of erroneous data
- The role of the questionnaire in collating data
- How to create forms with drop down menus

Graphics

This term we will learn

- How to produce simple logos and trademarks
- How to format pictures and how to apply effects
- Different file formats and file extensions
- Combining graphical techniques and layering

Key Words

records	fields	data types	database	queries
reports	validation	cross reference	criteria	questionnaire
logos	trademarks	formatting	file formats	file extensions

PSHE

My Community

This term we will learn

- To understand what the word community means
- To evaluate what we like and dislike about our communities
- To understand that different communities have different services and that some have none at all
- That there are many different sorts of communities
- That rules are there to protect us and to keep us safe

My Environment

This term we will learn

- To identify what is the larger environment
- Some of the issues related to endangered animals

Athletics

This term we will learn

- How to perform an effective warm - up to prepare the body for sprint and middle distance track events.
- How to perform the required actions for the following field events:
    - High Jump
    - Long Jump
    - Triple Jump
    - Shot Put
- Sprinting technique - effective running style and starting position
- Hurdling technique - the difference between the lead and trail leg
- How to perform an effective relay baton changeover
- The starting points for each track event based on a 300m running track

Assessment

- Attainment based on recorded times, distances and heights compared to the county standards
- Observation of practical performance based on technique demonstrated
- Attitude and effort applied during lessons
- Transferrable skills - must be able to compete in more than one area in order to score highly

Key Words

athletics	track	field	relay – baton, box, change-over high
jump	acceleration	power	long jump – take off board
sprint	explode	pacing	triple jump – hop, skip and jump
middle distance	speed	shot put – shuffle	hurdle – lead and trail leg

Swimming

Improving Performance

This term we will learn

- Effective front crawl, back crawl, breast stroke and butterfly
- Streamlined dive entry or equivalent including the transition phase into a stroke
- How to perform the correct turn (i.e. tumble turn or two-hand touch)
- How to breathe efficiently and develop breathing patterns

Assessment

- Peer and self-assessment
- Use of level descriptors
- Practical performance (visual and against the clock)
- Knowledge and understanding through verbal communication

Key Words

pull	kick	glide	streamlined	power
high elbow	hand entry	bi-lateral breathing	tumble turn	
transition	hand-over-hand	balance	rhythm	

Healthy Eating - Main Dishes and Desserts

This term we will learn

- Revision of healthy eating
- To adapt recipes to reduce the salt, fat and sugar content and to increase the fibre content
- How to write a flow chart
- To follow plans and overcome any problems
- Simple meal planning
- To understand tests for readiness
- How to cool, store and reheat food safely and correctly
- About the seasonality of food

Practical Assignments

- Ciabatta Pizza
- Fruit Crumble with seasonal fruits
- Pasta Salad
- Design Brief "Design a Healthy Layered Dessert"

Key Words

fat	salt	sugar	fibre,	dehydration
flow chart	obesity	peer assessment	hazard	evaluation
food processor	enzymic	browning	hob	garnish
al dente	seasonality	decoration	Healthy Eating Guidelines	

Design Technology

Design and Make a Clock

This term we will learn

- The history of clocks
- To use the internet to investigate ideas for a design
- To resolve problems with designs
- The need to secure work in a clamp before drilling

Key skills

- Understand the different adhesives required
- To use the pillar drill under supervision
- To bend acrylic using the heat stripper
- To mark out the numbers on the clock
- To assemble the clock movement

Key Words

fretsaw	millimetre ruler	drill bit	heat stripper	pillar drill	protractor
chuck	Roman Numerals	vice	sand paper	acrylic	assemble
clamp	template	adhesive	attach	clip	dowel
wood grain					
screwdriver					

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