

Work to be covered in the Summer Term by Year 4.

This information has been provided so that you are fully aware of the work your child will cover over the term.

We hope it will also enable you to support your child at home in their studies.

If there is anything contained within this leaflet that you don't understand, please contact your child's class teacher.

Maths:

Continuous/revisited objectives: (Objectives used primarily as starters in order to maintain fluency of mathematical skills)

- Count from 0 in multiples of 6, 7, 9, 25 and 1000; find 1, 10, 100 or 1000 more or less than a given number.
- Add and subtract numbers mentally, including: a four-digit number and ones, a four-digit number and tens, a four-digit number and hundreds, four digit number and thousands.
- Recall & use \times and \div facts up to 12×12 .
- Write and calculate statements for \times and \div using all tables, including for TU \times U using mental and progressing to formal written methods
- Counting backwards through zero to include negative numbers
- Count up and down in tenths and hundredths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. Recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10.
- Add and subtract amounts of money to give change, using both \pounds and p in practical contexts
- Tell and write the time from an analogue and digital clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
- Read Roman numerals to 100 (I to C)
- Know the number of seconds in a minute and the number of days in each month, year and leap year
- Compare durations of events, [for example to calculate the time taken by particular events or tasks.]

Summer 1

- Find 1, 10, 100 or 1000 more or less than a given number.
- Round any given number to the nearest 10, 100, 1000
- Count backwards through zero to include negative numbers using context to assist.
- Add and subtract numbers up to 4-digits using the formal written methods columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve + and - two step problems in context, deciding which operations and methods to use and why.
- Add and subtract fractions with the same denominator.
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.
- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

- Complete a simple symmetric figure with respect to a specific line of symmetry.
- Identify lines of symmetry in 2D shapes presented in different orientations.

Summer 2

- Solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1-digit numbers, integer scaling problems and harder correspondence problems such as m objects are connected to n objects
- Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$.
- Recognise and write decimal equivalents of any number of tenths or hundredths.
- Solve simple measure and money problems involving fractions and decimals to two decimal places.
- To convert between different units of measure for capacity.
- Estimate, compare and calculate different measures for capacity.
- Solve problems involving capacity.
- Read, write and convert time between analogue and digital, 12 and 24 hour clocks.
- Read Roman numerals to 100 (I - C).

English:

- Studying stories which raise issues relevant to children and the world today
- Studying stories from other cultures
- Looking at the features of discursive and persuasive texts
- Practising writing formal letters
- Improving comprehension skills through guided reading daily.
- Weekly handwriting practice, trying to develop a neat cursive style.
- Weekly spelling practice, learning different rules and trying to apply these rules when tackling difficult spellings.
- Developing grammar and writing skills weekly, working towards own personal targets.

Geography: Parks

- Find out about why there are parks
- Look at the features of different parks and make comparisons
- Find out what problems are faced by different kinds of parks and how they can be addressed
- Explore ideas to develop a local park
- Visit a town park and a national park

History: why is chesterfield/Hasland such a cool place to live?

- Identify roads and features in the local area using ICT
- Study the development of Hasland and compare features within the village as shown on historical maps and photographs
- Look at why so many people live in chesterfield.
- Trace the growth in chesterfield's population over the past 100 years
- Find out about popular monuments or buildings in chesterfield/ Hasland
- Think about what would be the main advantages and disadvantages of living in chesterfield/ Hasland

Science: which wild animals and plants thrive in you locality?

- Identify and name a variety of living things in the local and wider environment, using classification keys to assign them into groups
- Recognise that environments can change and that this can sometimes pose dangers to living things
- Understand why large wild animals like the tiger are in danger of extinction today.
- Which birds and plants we can see out of our classroom window?
- Think about how we can encourage more birds to visit our school.

Geography: Why are the waterways so important to chesterfield?**(link to River Nile)**

- Find out which cities are situated on a river
- Understand why rivers are important for the lives of the people who live there now and lived there some time ago
- Look at how people have adapted rivers and water for their own use
- Explore how rivers have created jobs for many people

History: How we re-discover the wonders of Ancient Egypt?

- Locate ancient Egypt in time and place and find out why so many people enjoy going on holiday there
- To know how much of the life of Egypt depended on the Nile
- Learn what a pharaoh was and the power he held
- Understand the importance of the pyramids in Egyptian society
- Learn about the process involved in building a pyramid and know the key features of a pyramid
- Understand the Ancient Egyptians used hieroglyphics as a means of writing/communication.
- Learn what was involved in preparing the dead for the afterlife

Art/DT:

- Take photographs of flowers in the manner that Georgia O'Keefe would have done and develop pencil sketches from the photographs
- To look at the work of famous artists and use water colour or pastels to create landscape paintings
- Design and make a bird box which will be used to help attract birds to the immediate area around the school
- Design and make Pyramids and Egyptian jewellery

Music: Ancient Egypt

- Explore "Egyptian-inspired" music from different times and places
- Learn about, understand and identify dynamics, getting louder/quieter through the exploration of Egyptian pyramid graphic scores
- Learn about the harmonic minor scale and how this sounds "Egyptian", sing a song based on this scale and perform parts towards a class performance

RE

- What is the best way for a for to show commitment to God??
- Do people need to go to church to show they are Christians?

French: Recapping language covered in Y3 and 4

- Using greetings alongside the question "ça va?"
- Asking "What is your name?" and spelling our names in French
- Asking "how old are you?"
- Knowing days of the week, the months of the year and being able to ask "when is your birthday?"

Computing: We are HTML editors

- Understand some technical aspects of how the internet makes the web possible
- Use HTML tags for elementary mark up
- Use hyperlinks to connect ideas and sources
- Code up simple web page with useful content

Understand some of the risks in using the web

<p><u>PE: Swimming</u></p> <ul style="list-style-type: none"> • Improve control and co-ordination of their bodies in water • Choose and use skills for different swimming tasks <p><u>PE: Outdoor: Athletics</u></p> <ul style="list-style-type: none"> • Run at different speeds smoothly and with consistency • Demonstrate different combinations of jumps, showing control, co-ordination and consistency • Throw a range of objects in to a target accurately • Recognise that there are different throwing, running and jumping styles • Understand about pacing • Describe and evaluate the effectiveness of performance • Know and describe the short-term effects of exercise on the body <p><u>Net/ Court/ Wall Games</u></p> <ul style="list-style-type: none"> • Consolidate striking skills and improve the control and quality • Vary the shots and employ them appropriately • Recognise what has gone well and what needs improving • Adapt rules of net game <p><u>We are meteorologists</u></p> <ul style="list-style-type: none"> • Understand different measurements techniques for weather, both analogue and digital • Use computer - based data logging to automate the recording of some weather data • Use spreadsheet to create charts • Analyse data, explore inconsistencies in data and make predictions • Practise using presentation software • Continue Learning how to stay safe on the Internet 	<p><u>PSCHE: Are all changes bad?</u></p> <ul style="list-style-type: none"> • Understand that changes can be good and is normal • Understand that changes can be uncomfortable • Develop ways of dealing with feelings that arise from change • Express views confidently and listen to and show respect for the views of others • Identify positive ways to face new challenges <p><u>Living and Growing</u></p> <ul style="list-style-type: none"> • Learning about changes that happen naturally to bodies as children enter puberty • Learning about how these changes affect children • NPSCC PANTS sessions (Safe and unsafe touch/Child Sexual Exploitation) <p><u>Road Safety Week</u></p> <ul style="list-style-type: none"> • Analysis of road users around school • Revision of road safety crossing <p><u>Safeguarding Curriculum Links</u></p> <ul style="list-style-type: none"> • PSHCE - Relationships and Sex Education • Child Sexual Exploitation - including PANTS resources • Giving consent (safe and unsafe touch). • Road Safety week • Computing - staying safe on the internet (CEOP) 	
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