

Welcome to Chestnut Class



Continuing your child's school journey in to KS2

Routines and Rules

Drop off and pick up

- The school day starts from 8.45am for children to arrive and settle into their learning.
- The school day finishes at 3pm. Chestnut class staff will bring the children out to their parent, carer or taxi chaperone.

Communication

- Home - School contact book
- For general enquiries please contact the school office
- To speak to your child's teacher, you can call the office or send an email

PE

- Children will have two PE lessons per week, one with their mainstream class and the other with Chestnut class
- Children will do their lessons in their PE kits: white t-shirt (school logo optional), green shorts (not cycling shorts), black or white trainers, green jogging bottoms for the winter

Our class rules are built around our **core** values:

RESPECT RESILIENCE ASPIRATION KINDNESS

Class Rules

We use kind words
We have kind hands
We listen to adults
We look after our class
We always try our best
We use a classroom voice



Mainstream Provision

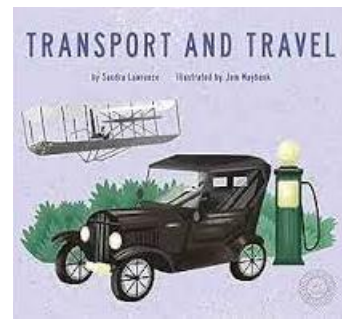
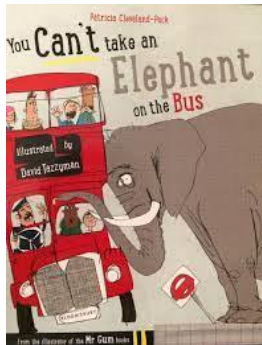
Your child may attend some mainstream lessons during the school day.

If required, this would be with the support of a member of Chestnut Team.

Autumn Term - English

Planes, Trains and Automobiles

- Your child will be introduced to a range of books on our themes of Planes, Trains and Automobiles, which include fiction and non fiction texts.
- Children learn to write in a variety of genres including; recounts, instructions, fact files, wanted posters, information booklets and narrative.
- The use of ICT laptops and iPads will support your child to research and present their work.
- Your child will learn to organise their work using bullet points, headings, numbered lists and standard paragraphs and will create settings, characters and plots.
- Editing and proof reading their work is an essential tool that they will learn to support the meaning of their writing is clear to others.



Autumn Term - Maths

Year 2



Place Value

- Numbers to 20
- Count objects to 100 by making 10s
- download
- Recognise tens and ones
- Use a place value chart
- Partition numbers to 100
- Write numbers to 100 in words
- Flexibly partition numbers to 100
- Write numbers to 100 in expanded form
- 10s on the number line to 100
- 10s and 1s on the number line to 100

Shape

- Recognise 2-D and 3-D shapes
- Count sides on 2-D shapes
- Count vertices on 2-D shapes
- Draw 2-D shapes
- Lines of symmetry on shapes
- Use lines of symmetry to complete shapes
- Sort 2-D shapes
- Count faces on 3-D shapes
- Count edges on 3-D shapes
- Count vertices on 3-D shapes
- Sort 3-D shapes
- Make patterns with 2-D and 3-D shapes

Addition & Subtraction

- Bonds to 10
- Fact families - addition and subtraction bonds within 20
- Related facts
- Bonds to 100 (tens)
- Add and subtract 1s
- Add by making 10
- Add three 1-digit numbers
- Add to the next 10
- Add across a 10
- Subtract across 10
- Subtract from a 10
- Subtract a 1-digit number from a 2-digit number (across a 10)
- 10 more, 10 less
- Add and subtract 10s
- Add two 2-digit numbers (not across a 10)
- Add two 2-digit numbers (across a 10)
- Subtract two 2-digit numbers (not across a 10)
- Subtract two 2-digit numbers (across a 10)
- Mixed addition and subtraction
- Compare number sentences
- Missing number problems

Autumn Term - Maths

Year 3

Addition & Subtraction

- Apply number bonds within 10
- Add and subtract 1s
- Add and subtract 10s
- Add and subtract 100s
- Add 1s across a 10
- Add 10s across a 100
- Subtract 1s across a 10
- Subtract 10s across a 100
- Make connections
- Add two numbers (no exchange)
- answer
- Subtract two numbers (no exchange)
- Add two numbers (across a 10)
- Add two numbers (across a 100)
- Subtract two numbers (across a 10)
- Subtract two numbers (across a 100)
- Add 2-digit and 3-digit numbers
- Subtract a 2-digit number from a 3-digit number
- Complements to 100
- Estimate answers
- Inverse operations
- Make decisions



Place Value

- Represent numbers to 100
- Partition numbers to 100
- Number line to 100
- Hundreds
- Represent numbers to 1,000
- Partition numbers to 1,000
- Flexible partitioning of numbers to 1,000
- Hundreds, tens and ones
- Find 1, 10 or 100 more or less
- Number line to 1,000
- Estimate on a number line to 1,000
- Compare numbers to 1,000
- Order numbers to 1,000
- answer
- Count in 50s

Multiplication & Division

- Multiplication - equal groups
- Use arrays
- Multiples of 2
- Multiples of 5 and 10
- Sharing and grouping
- Multiply by 3
- Divide by 3
- The 3 times-table
- Multiply by 4
- Divide by 4
- The 4 times-table
- Multiply by 8
- Divide by 8
- The 8 times-table
- The 2, 4 and 8 times-table



Autumn Term - Maths

Year 4

Multiplication & Division

- Multiples of 3
- Multiply and divide by 6
- 6 times-table and division facts
- Multiply and divide by 9
- 9 times-table and division facts
- The 3, 6 and 9 times-tables
- Multiply and divide by 7
- 7 times-table and division facts
- 11 times-table and division facts
- 12 times-table and division facts
- Multiply by 1 and 0
- Divide a number by 1 and itself
- Multiply three number

Addition & Subtraction

- Add and subtract 1s, 10s, 100s and 1,000s
- Add up to two 4-digit numbers - no exchange
- Add two 4-digit numbers - one exchange
- Add two 4-digit numbers - more than one exchange
- Subtract two 4-digit numbers - no exchange
- Subtract two 4-digit numbers - one exchange
- Subtract two 4-digit numbers - more than one exchange
- Efficient subtraction
- Estimate answers
- Checking strategies

Place Value

- Represent numbers to 1,000
- Partition numbers to 1,000
- Number line to 1,000
- Thousands
- Represent numbers to 10,000
- Partition numbers to 10,000
- Flexible partitioning of numbers to 10,000
- 8 Find 1, 10, 100, 1,000 more or less
- Number line to 10,000
- Estimate on a number line to 10,000
- Compare numbers to 10,000
- Order numbers to 10,000
- Roman numerals
- Round to the nearest 10
- Round to the nearest 100
- Round to the nearest 1,000
- Round to the nearest 10, 100 or 1,000

Area

- What is area?
- Count squares
- Make shapes
- Compare area



Autumn Term - Maths

Year 5

Fractions

- Find fractions equivalent to a unit fraction
- Find fractions equivalent to a non-unit fraction
- Recognise equivalent fractions
- Convert improper fractions to mixed numbers
- Convert mixed numbers to improper fractions
- Compare fractions less than 1
- Order fractions less than 1
- Compare and order fractions greater than 1
- Add and subtract fractions with the same denominator
- Add fractions within 1
- Add fractions with total greater than 1
- Add to a mixed number
- Add two mixed numbers
- Subtract fractions
- Subtract from a mixed number
- Subtract from a mixed number - breaking the whole
- Subtract two mixed numbers

Addition & Subtraction

- Mental strategies
- Add whole numbers with more than four digits
- Subtract whole numbers with more than four digits
- Round to check answers
- Inverse operations (addition and subtraction)
- Multi-step addition and subtraction problems
- Compare calculations
- Find missing number

Place Value

- Roman numerals to 1,000
- Numbers to 10,000
- Numbers to 100,000
- Numbers to 1,000,000
- Read and write numbers to 1,000,000
- Powers of 10
- 10/100/1,000/10,000/100,000 more or less
- Partition numbers to 1,000,000
- Number line to 1,000,000
- Compare and order numbers to 100,000
- Compare and order numbers to 1,000,000
- Round to the nearest 10, 100 or 1,000
- Round within 100,000
- Round within 1,000,000

Multiplication & Division

- Multiples
- Common multiples
- Factors
- Common factors
- Prime numbers
- Square numbers
- Cube numbers
- Multiply by 10, 100 and 1,000
- Divide by 10, 100 and 1,000
- Multiples of 10, 100 and 1,000



Autumn Term - Maths

Year 6



Addition, Subtraction, Multiplication & Division

- Add and subtract integers
- Common factors
- Common multiples
- Rules of divisibility
- Primes to 100
- Square and cube numbers
- Multiply up to a 4-digit number by a 2-digit number
- Solve problems with multiplication
- answer
- Short division
- Division using factors
- Introduction to long division
- Long division with remainders
- Solve problems with division answer
- Solve multi-step problems
- Order of operations
- Mental calculations and estimation
- answer
- Reason from known fact

Measurement

- Metric measures
- Convert metric measures
- Calculate with metric measures
- Miles and kilometres
- Imperial measures

Fractions

- Equivalent fractions and simplifying
- Equivalent fractions on a number line
- Compare and order (denominator)
- Compare and order (numerator)
- Add and subtract simple fractions
- Add and subtract any two fractions
- Add mixed numbers
- Subtract mixed numbers
- Multi-step problem
- Multiply fractions by integers
- Multiply fractions by fractions
- Divide a fraction by an integer
- Divide any fraction by an integer
- Mixed questions with fractions
- Fraction of an amount
- Fraction of an amount - find the whole

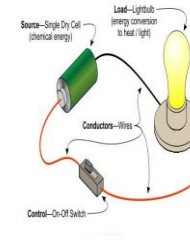
Place Value

- Numbers to 1,000,000
- Numbers to 10,000,000
- Read and write numbers to Powers of 10
- Number line to 10,000,000
- Compare and order any integers
- Round any integer
- Negative numbers

Autumn Term - Topic Planes, Trains and Automobiles

History - Transport Through Time

- Events beyond living memory that are significant nationally or globally.
- The lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]

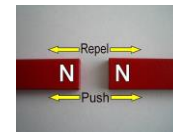


Science - Electricity

- Identify common appliances that use electricity
- Construct a simple electrical circuit, identifying and naming its basic parts
- Identify whether or not a lamp will light in a simple series circuit
- Recognise that a switch opens and closes a circuit
- Recognise some common conductors and insulators, and associate metals with being good conductors

Science - Forces and Magnets

- Compare how things move on different surfaces
- Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance
- Observe how magnets attract or repel each other and attract some materials and not others
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- Describe magnets as having 2 poles
- Predict whether 2 magnets will attract or repel each other, depending on which poles are facing



Autumn Term - Topic

Planes, Trains and Automobiles



PSHE

Self Awareness, Self-Care Support and Safety

- Identify things that we are good at
- To know what is kind and unkind
- Playing and working together
- Identify people who are special to us
- Getting on with others
- Taking care of ourselves
- Keeping safe
- Trust
- Keeping safe online
- Public and private



Art

Transport Inspired Artistry

- To use sketch books to record our observations and to review and revisit ideas
- To improve our mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay)
- Learn about great artists, architects and designers in history, we particularly focus on
 - Malcom Roots - trains
 - Van Gogh - boats
 - Eric Sloane - planes



Computing

Creating Media and Desktop Publishing

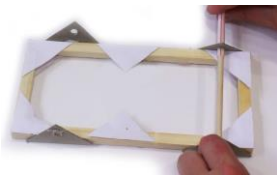
- To become familiar with the terms 'text' and 'images' and understand that they can be used to communicate messages.
- To use desktop publishing software and consider careful choices of font size, colour and type to edit and improve premade documents.
- Introduction to the terms 'templates', 'orientation', and 'placeholders' and begin to understand how these can support them in making their own template for a magazine front cover.
- To add text and images to create their own pieces of work using desktop publishing software.
- Look at a range of page layouts thinking carefully about the purpose of these and evaluate how and why desktop publishing is used in the real world.

Autumn Term - Topic

Planes, Trains and Automobiles

Design & Technology Moving Vehicles

- To research and design an innovative, functional and appealing vehicle.
- To use a wide range of tools and equipment to perform practical tasks as well as for functional and aesthetic qualities
- To be able to investigate and analyse a range of existing products
- To evaluate their designs and finished model.
- To be able to understand how key events and individuals in design and technology have helped shape the world
- To be able to understand how they could strengthen more complex structures, use mechanical systems or electrical systems in their products.
- To be able to apply their understanding of computing to program, monitor and control their products



Religious Education

- Diwali - Hinduism
- Harvest Festival
- Christmas - Christianity



Music

Croydon Music service provide weekly music lessons for children during the school day.

Children will learn songs from memory linking to their learning journey - using the singing walrus and other internet media



Autumn Term - Therapies



Occupational Therapy

Children's Occupational Therapy (OT) needs will be met using OT strategies, as set out in your child's EHCP Plan.

This may involve a sensory diet or specific physical exercises that your child needs to follow to meet their needs.

Children will also have a range of resources to help meet their need;

- Thera putty
- TEACCH activities
- Therabands
- Ear defenders.

Precision Teach

Some children may require further individualised support to learn key maths and literacy skills these will be taught through the intervention Precision Teach.

Speech & Language

Children will be seen by a Croydon Speech and Language therapist who will devise a program and set up targets to meet the individual needs of the children. These activities will then be incorporated daily into the class curriculum.

The children will also take part in SMILE Therapy which will help them socially in the wider community which will give children the skills to talk to unfamiliar adults.



Autumn Term

Home learning and useful links

- Children will have a new set of spellings every Friday for which they will have a spelling test the following Friday.
- The expectation is that children will read every evening and complete their Reading Record Log.
- Children can log onto MyMaths and complete individualised activities they have been set.
- Children can also log onto Times Tables Rockstars to practice their times tables for which children will receive certificates in merit assembly for completing.



National Autistic Society

<http://www.autism.org.uk/>

Parents in Partnership

<http://www.pipcroydon.com/>

Please have a look on the school website for more organisations that may be useful.