

Churchfields Primary School
Curriculum overview
Year 5

Curriculum Area	Autumn 2	Crucial Knowledge
English	Entertainment narrative text with historical link: Letters from the lighthouse (3 weeks) Inform: Traditional tales:	Inverted commas “ ” shows words being spoken. Goes high above letters. sentence <ul style="list-style-type: none"> • starts with a capital letter and ends with either a full stop, question or exclamation mark • must have one or more clauses • must have a verb and a noun • must make sense statement tells you something complex sentence a sentence which contains an independent clause and a dependent clause. (one is more important and the other clause adds extra information). The hungry dog ran <u>as it slobbered noisily</u> . paragraph a section of writing made up of one or more sentences grouped together about one main subject.
Maths	Multiplication and Division	X multiplication: groups of <ul style="list-style-type: none"> • Multiplication is sometimes called multiplying. • It is 'groups of', the same as repeated addition. • 5 x 3 is • or 5 + 5 + 5 ÷ division: splitting into parts <ul style="list-style-type: none"> • Splitting in to equal parts is also 'fair sharing'. • For example: 12 treats between 3 dogs is 12

Multiplication tables: multiplication facts for a given number

- Multiplication tables start with 1x the number and finish with 12 x the number
- Multiplication tables can be used to answer both multiplication and division questions

Double is adding the same amount again (double 2 is $2 + 2$)

Half is sharing equally by 2 (half of 6 is 6 shared by 2)

Partition: means to split into smaller parts.

Factors are numbers that divide into another number equally without anything left over.

- They usually come in pairs (1 and 12, 2 and 6, 3 and 4 are all factors of 12)

Multiples are the result after multiplying

- 12 is a multiple of 2 as $6 \times 2 = 12$

Prime Numbers:

- only have two factors - itself and 1
- 1 is not a prime number

Square numbers are when a number is multiplied by itself to make a square

- One row and one column would make one square (or $1 \times 1 = 1$, so 1 is a square number)
- Two rows and two columns would make four squares (or $2 \times 2 = 4$, so 4 is a square number)
- Three rows and three columns would make 9 squares (or $3 \times 3 = 9$, so 9 is a square number)

Cube numbers are when a number is multiplied by itself three times to make a cube.

- length x height x width eg $3 \times 3 \times 3 = 27$, so 27 is a cube number

	Area and Perimeter	<p>Measure: the size of something</p> <ul style="list-style-type: none"> • To find out the size or amount of something. • We can measure: distance, area, time, mass and volume. • We often use a ruler to measure a length or height <p>Length is long</p> <p>Width is wide</p> <p>Perimeter is the length all the way around the edge of a shape</p> <ul style="list-style-type: none"> • You can find a perimeter by adding the lengths of all of the sides of the shape together <p>Area is measurement of a flat space.</p> <ul style="list-style-type: none"> • Area is the number of squares inside a shape
Science	Earth & Space	<p>Earth and space crucial knowledge:</p> <ul style="list-style-type: none"> • Earth rotates on axis, it does a full rotation once every 24 hours one day. • The earth moves around the sun, once every 365 days a year. • The sun is a star • The moon is made from natural rock and orbits the earth <p>Earth and Space extended knowledge</p> <ul style="list-style-type: none"> • The Earth and other planets orbit the sun, it is a light source and is at the centre of our solar system • Daytime occurs when the side of earth is facing towards the sun • Night occurs when the side of earth is facing away from the sun • The model of the Sun and Earth allows for us to experience day and night. • The sun is a star at the centre of our solar system which has 8 planets. • The moon is a celestial body that orbits a planet. • You should never look directly at the sun.
Computing	E-safety	<p>Crucial knowledge</p> <p>network - a group of two or more computer systems linked together</p>

		<p>Internet – global network of connected computers</p> <p>world wide web – collection of billions of web-pages found on the internet</p> <p>server - a computer where files are stored which can be accessed via the internet using HTTP</p> <p>hardware – the physical parts of a computer or network</p> <p>software – programs that can run on a computer</p> <p>data – digital information</p> <p>filters – a program that can check a webpage to see if it should be displayed to the user.</p> <p>pop ups - small windows that 'pop up' over the top of web pages in your internet browser.</p> <p>virus – a type of nasty computer program which gets onto your computer without you knowing and can attack your device</p>
History	Tudors	



Year 5 - The Tudors



Crucial Knowledge

The Tudors ruled England from 1485-1603. Tudor was their family surname.

In 1534, Henry VIII created the church of England which we still have today.

There were 5 Tudor Monarchs Henry VII, Henry VIII, Edward VI, Mary I and Elizabeth I.

There were two religions in Tudor England. People were punished if they weren't the same religion as the monarch.

Henry VIII had 6 wives. We remember them with the rhyme: divorced, beheaded & died, divorced, beheaded, survived.

Elizabeth I's rule was seen as a 'Golden Age'. Both religions were allowed and explorers discovered new countries like America.

Extended Knowledge

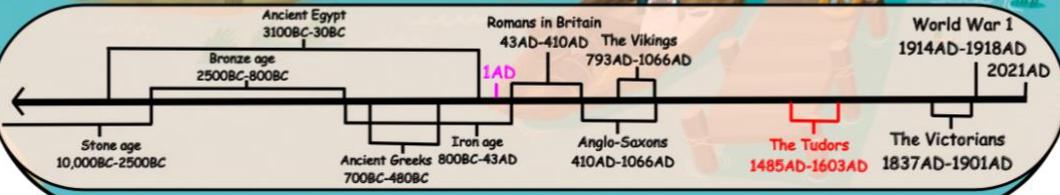
Henry VII won a battle to become the King of England.

Henry VIII had 3 children: Mary I, Elizabeth I and Edward VI.

Henry VIII created the church of England as the Catholic church would not allow him to have a divorce.

Protestants and Catholics were different due to the ways in which they interpreted the bible.

Chronology



Geography

UK and ME recap

Crucial Knowledge

R: The school's address is: Churchfields Primary School, School Street, Chesterton

R: Some places in Chesterton are: church, care home, shop, schools, Vision centre, park, Apedale

Our school is in Chesterton, Newcastle-under-Lyme, Staffordshire

Every place has a postcode which tells you where something is

Human geography is related to people

Physical geography is things that would exist even if humans didn't

Crucial Knowledge

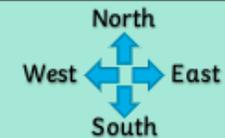
I live in England, which is a country

Every country has a capital city

London is the capital city of the UK

Countries are made up of lots of different places: villages, towns, cities

The coast is the part of land which meets the sea



Art and Design		n/a
DT	Mechanical Systems- CAMS	
PE	Netball	Full format games with pupils acquiring knowledge of the rules and developing specific attacking/defending tactics.
Music	Brass	Brass- Mr Hughes
PSHE	Safe relationships	<p>Respecting ourselves and others</p> <ul style="list-style-type: none"> • There is no such thing as 'the perfect body'. People come in all different shapes and sizes. • Accept differences and celebrate individuality. • Kindness to all, regardless of race, religion and gender. • We are all equal. • Everyone should be treated fairly and given the same opportunities. <p>Recap Safe relationships</p> <ul style="list-style-type: none"> • Our bodies belong to us and we can decide whether we want others to touch us or not and this is called consent. • that it is never someone's fault if they have experienced unacceptable contact • that no one should ask them to keep a secret that makes them feel uncomfortable or try to persuade them to keep a secret they are worried about • If you are feeling worried about something and do not feel comfortable telling an adult you know, you can contact Childline to ask for support. The number for children to call to speak to Childline is 0800 1111. • What to do in an emergency: <ul style="list-style-type: none"> • Stay calm. • Find an adult to help you. <p>If there is no adult around, ring 999, explain what has happened and ask for the police, fire brigade,</p>
RE		For religious believers, praying is a way of talking to God.

		<p>Many Christians pray a prayer that Jesus told his disciples in the Bible. This special prayer is called the Lord's Prayer and is prayed by Christians on their own and during church services. Christians believe in one God that you can see in three ways. Christians believe that God is Father, Son and Holy Spirit quite separately but all at the same time. This is called the Trinity</p> <p>Christian holy day is Sunday and is called the day of rest. Christians will visit a Church Worship can take many forms: singing, dancing, praying, helping others, meditating, giving. Prayer and worship can take place anywhere.</p>
MFL	Spanish	<p>Welcome</p> <p>Children are able to say and write:</p> <ul style="list-style-type: none"> · Hello · Goodbye · my name is · I am ? years old · I feel <p>They can also ask and write the questions:</p> <ul style="list-style-type: none"> · How are you? · Whats your name? · How old are you? <p><u>Key vocab</u></p> <p>– Hola, Buenas Dias, Buenos Noches, Buenos Tardes, Adios</p> <p>My name is – Me llamo, Mi Nombre</p> <p>How are you – Como estas / Que tal</p> <p>I am feeling Estoy feliz, triste, cansado, enferma, asi-asi, aburrido, tengo hambre</p> <p>Numbers, Los numeros (1-20) Cero, uno, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez, once, doce, trece, catorce, quince, dieciseis, diecisiete, dieciocho, diecinueve, veinte</p> <p>How old are you? Cuantos anos tienes</p> <p>Tengo I am</p>
GPS	Ready to Write	Pronouns Expanding noun phrases Fronted adverbials Plural and possessive Direct and Indirect speech

Visits		
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