

Fingertip Facts – Y4



Fingertip facts are facts that are great to just 'know'. We've put together a whole set of facts for each year group in the school so that children can build a bank of knowledge of key pieces of information. Each class will have a timed quiz each term so children can track how many of their facts they have learnt. Children will be encouraged to increase the number of facts that they know each term.

Maths

7 times table	0x7=0, 1x7=7, 2x7=14, 3x7=21, 4x7=28, 5x7=35, 6x7=42, 7x7=49, 8x7=56, 9x7=63, 10x7=70, 11x7=77, 12x7=84
8 times table	0x8=0, 1x8=8, 2x8=16, 3x8=24, 4x8=32, 5x8=40, 6x8=48, 7x8=56, 8x8=64, 9x8=72, 10x8=80, 11x8=88, 12x8=96
9 times table	0x9=0, 1x9=9, 2x9=18, 3x9=27, 4x9=36, 5x9=45, 6x9=54, 7x9=63, 8x9=72, 9x9=81, 10x9=90, 11x9=99, 12x9=108
Alternative names / terms for operations	Addition: add, sum, plus, increase, total Subtraction: subtract, minus, less, difference, decrease, take away, deduct Multiplication: multiply, product, by, times, lots of Division: divide, quotient, goes into, how many times
Roman numerals above 100	C=100, D=500, M=1000, IV̄ = 4000, V̄ = 5000 <i>Children need to be able to write all numbers between 100 and 5000 – see year 3 fingertip facts for numbers to 100.</i>

Spelling

Year 3 and 4 word list (Half given in each year group)	Knowledge, learn, length, library, material, medicine, mention, minute, natural, naughty, notice, occasion(ally), often, opposite, ordinary, particular, peculiar, perhaps, popular, position, possess(ion), possible, potatoes, pressure, probably, promise, purpose, quarter, question, recent, regular, reign, remember, sentence, separate, special, straight, strange, strength, suppose, surprise, therefore, though, although, thought, through, various, weight, woman, women
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Punctuation & Grammar

Terminology (knowing what these are and when they are used)	Determiner – specifies the noun eg the car, an apple, this pencil, those balloons etc Pronoun – used to replace a noun in a sentence or clause and helps to avoid repeating words eg Simon is the one Simon broke it. Changes to: <u>He</u> is the one <u>who</u> broke it. Possessive pronoun – eg <u>That</u> essay is mine. <u>Her</u> ball. Adverbial – A group of words that act as an adverb (ie tells us more about the verb)
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Geography

Points of the compass (8 points)	North, South, East, West, North-east, North-west, South-east and South-west <i>Children should be able to label the points on a compass</i>
Major rivers of Europe	<ul style="list-style-type: none"> • Danube – Starts in the Black Forest area of Germany, flows through Europe and eventually flows out into the Black Sea. It is 2850km in length. • Loire – The longest river in France. It is 1020km long • Po – Italy's longest river. It begins in the Italian Alps and ends in the Adriatic sea. It is 652km in length • Rhine – Starting in Switzerland, this river flows west, through Germany and the Netherlands and ends in the North Sea. • Shannon – Starting in NW Ireland, it flows south and eventually flows into the Atlantic Ocean. It is 370km in length • Volga – The largest river in European Russia. It is 2294km long

History

Some key Roman facts	<ul style="list-style-type: none"> • Rome was founded in 753BC by its first King, Romulus • By AD 117 the Roman Empire included the whole of Italy and much of Europe including England, Wales and parts of Scotland • The Roman army were very strong. They could march up to 40km per day
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	<ul style="list-style-type: none"> • The Romans were amazing architects and engineers. They built roads and walls • Romans developed aqueducts – a system of channels and bridges to transport water for public baths and toilets • One of the most famous buildings left by the Ancient Romans is the Colosseum
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Science

Biggest, closest, highest...	<ul style="list-style-type: none"> • The largest earthquake ever recorded was in Chile in 1960 measuring 9.5 on the Richter scale • The tallest man ever recorded was Robert Wadlow who was 2.78m tall. He was born in 1918 in the USA • The closest star to the Earth is the sun which is 0.0000158 light years away • The country where people have the highest life expectancy is Japan where on average life expectancy is 82.6 years • The biggest country, by area, in the world is Russia followed by 2. Canada, 3. China, 4 USA and 5 Brazil
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Art

		<p>The Flower Carrier by Diego Rivera. Diego Rivera is thought to be the greatest Mexican painter of the 20th Century.</p>		<p>Cafe Terrace at Night by Vincent Van Gogh. While this is one of Van Gogh's most famous paintings, he never actually signed it.</p>
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		<p>Bal du Moulin de la Galette by Pierre-Auguste Renoir. This painting sold for 78.1 million dollars and is therefore one of the most expensive paintings of all time</p>		<p>Dogs playing poker by C.M. Coolidge. Painted in 1903 and used in lots of greeting cards etc</p>
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Design & Technology

Famous inventor	<p>Percy Shaw Born in Halifax, Yorkshire Invented Cats' eyes for roadways in 1934</p>	
Famous building	<p>Canterbury Cathedral Started in 597 and rebuilt from 1070 One of the oldest and most famous Christian structures in England</p>	

Religious Education

Buddhism	<p>The sacred text of Buddhism is the Tipitaka The symbol of Buddhism is the wheel of life Buddhists worship in a vihara There are approximately 376 million followers of Buddhism in the world</p>
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Music

Famous composer
Children should be able to recognise the famous pieces noted

George Frideric Handel
Born in 1685 in Germany, died in 1759 in London
Handel is buried in Westminster Abbey in London
Composed classical music from the Baroque period
Famous pieces: The 'Hallelujah' chorus from the 'Messiah', 'Largo' and 'Zadok the Priest'
'Zadok the Priest' was written for the coronation of George II in 1727. It has been used at every British coronation ever since!



Computing

Input and output devices

Input is data that a computer receives
Output is data that a computer sends

Input examples: webcam, microphone, keyboard, digital camera,
Output examples: monitor, speaker, projector, printer

French

Food

Une banane – banana
Une pomme – apple
Du chocolat – some chocolate
Les chips – crisps

Les frites – chips
Les oranges – oranges
Les biscuits – biscuits
Les glaces – ice creams
Le poisson – fish

Le poulet – chicken
La salade – salad
Le jambon – ham
Le pain – bread
Les raisins – grapes

PE

Team numbers

Football – 11
Ice hockey – 6
Hockey – 11

Rugby Union – 15
Rugby league – 13
Cricket – 11

Basketball – 5
Netball – 7
Rounders

PSHE / Wellbeing

Staying safe (electricity)

- Don't plug lots of things into one outlet / extension
- Make sure all electrical wires are tucked away
- Don't yank an electrical wire from the wall
- Don't climb near electrical lines
- Keep electrical things far away from water