

Topic – The Victorians (1837 – 1901)



Maths Learning across autumn term  
(White Rose scheme)

- Number: Place Value - 2 weeks
- Number: Addition, subtraction, multiplication & division - 4 weeks
- Number: Fractions – 4 weeks
- Geometry: Position & direction - 1 week

Consolidation week

Number & calculation

- ❖ Create Victorian timelines with dates and key events (e.g. The Victorian era, The life of Dr Barnardo, Charles Dickens, Mary Seacole)
- ❖ Consider chronology of British and world History and where periods of time fit in
- ❖ Calculate differences between particular dates, e.g. How much later? How many years earlier/before?
- ❖ Share 'Maths in the Victorian classroom' – see Nrich website
- ❖ The world's population in 1900 was approximately 1,650,000,000. If a quarter of the population was ruled by Britain (British Empire), how many people is that? Find difference between world population today and then.
- ❖ The number of people living in Britain more than doubled from 16 million to 37 million over this period, causing a huge demand for food, clothes and housing. Can children find out the difference between these amounts and work out an estimate as a percentage and fraction for how much the population increased?
- ❖ Victorian London was the largest city in the world for much of that time. Its population grew from about 1 million people in 1800, to about 6.7 million in 1900 although many of the city's residents lived in poverty. If the population continued to grow at the same rate, what would the population be in 1910, 1920 etc?
- ❖ Look at the UK census for births and deaths – work out average age, life expectancy, ages of deaths, cause of deaths etc.
- ❖ Word problems – e.g. Victoria was 19 when she became Queen in 1837. When was she born? Thomas Edison invented the light bulb 41 years after Victoria became Queen. What year was this?
- ❖ Solve division problems using criminal case files, e.g. Annie Wilson was sentenced to 184 days in prison for stealing 19 shillings. Children to calculate how many days was she sentenced per shilling stole?

Data collection

- ❖ Explore growth in population & migration during Victorian era (chart figures on graph linked to Industrial Revolution & urbanisation)

Measurement

- ❖ Victorian measures (imperial vs metric)
- ❖ Find out about Victorian money & its value.
- ❖ Make gruel – ratio and proportion in cooking (PSHE link)

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