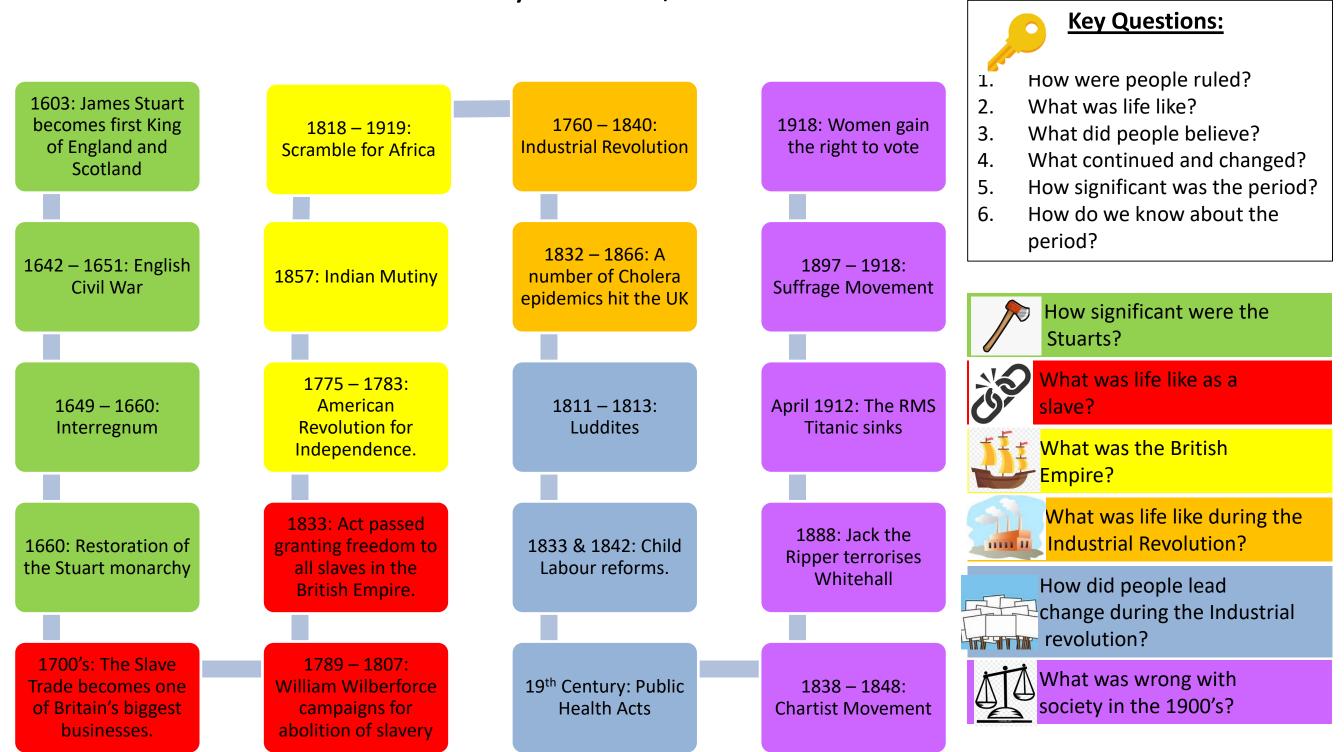


### Year 8 History: Protest, Rebellion and Revolution



Industrial	Revolution knowledge organiser
Industrial revolution	4 time of areat change in Britain between 1750 to 1900
Population	The number of people living in a particular place
Invention	Something new which is created, can be an object or an idea
Economy	The system of how money is used within a particular country
Agriculture	The process of producing food, and <u>fibres</u> by farming of certain plants or raising animals
Poverty	The lack of basic human needs such as clean water, nutrition, healthcare, education and shelter
Sanitation	Sanitation is the system that disposes of human waste
Industry	The process of making products by using machines and factories
Mass production	The production of many products in one go e.g. textiles

### Inventions of the Industrial Revolution

#### The Water Frame -1769

Richard Arkwright invented a machine, powered by water, to spin cotton into yarn, quickly and easily. His machines did not need skilled operators so Arkwright paid unskilled women and others to work on them. This invention allowed factories and mills to be built.

### The Spinning Jenny - 1770 nes Hangnegues a British carpenter of

James Hargreaves, a British carpenter and weaver, invents the spinning jenny. The machine spins more than one ball of yarn or thread at a time, making it easier and faster to make cloth. This allows more workers to make cloth more cheaply and increases the amount of factories built.

#### The Steam Engine - 1717 The Locomo

Thomas Newcomen invents the first steam engine. It would later be improved by James Watt which meant steam engines could replace water and horse power in a wide variety of industries, which in turn allowed factories to be built anywhere.

#### The Locomotive - 1814

Richard Trevithick was a pioneer in early steam engine technology. He developed a new high-pressure steam engine which could be used to reliably move goods and passengers. This invention made transport much easier and quicker.

# From 1750 Britain went through a process of change in a number of key areas:

- <u>Agriculture</u> New tools, fertilizers and harvesting techniques were introduced, resulting in increased productivity and agricultural prosperity.
- <u>Industry</u> factories sprung up all over the country creating more efficient ways to produce goods such as wool, cotton and coal. The increase in factories brought thousands of new jobs.
- Transport and communications Thomas Telford built roads and canals in the 1700s and George Stephenson and Isambard Kingdom Brunel oversaw the 'Railway Mania' of the 1800s. There had previously been no very fast way of transporting goods and people around the country.
- <u>Technology</u> There were also many scientific discoveries and technological inventions that changed society and industry. Changes to sanitation and medical treatment such as the work of John Snow and Edward Jenner improved people's quality of life.

#### Factory working conditions

Long working hours: normal shifts were usually

12-14 hours a day, with extra time required during busy periods. Low wages: a typical wage for male workers was about 15 shillings (75p) a week, but women and children were paid much less, with children three shillings (15p). For this reason, employers preferred to employ women and children.

women and children.

<u>Cruel discipline</u>: there was frequent
"strapping" (hitting with a leather strap).

Other punishments included nailing
children's ears to the table, and dowsing
them in water butts to keep them awake.

<u>Accidents</u>: forcing children to crawl into
dangerous, unquarded machinery led to
many accidents and deaths.

<u>Health</u>: The air was full of dust, which
led to chest and lung diseases and loud
noise made by machines damaged

#### Living conditions

Overcrowding: due to large numbers of people

moving to the cities, there were not enough houses for all these people to live in. <u>Disease</u>: typhus, typhoid, tuberculosis and cholera all existed in the cities of England.

Overcrowding, low standard housing and poor quality water supplies all helped spread disease. Waste disposal: qutters were filled with litter. Human waste was discharged directly into the sewers, which flowed straight into rivers.

Poor quality housing: houses were built very

close together so there was little light or fresh air inside them. They did not have running water and people found it difficult to keep clean. Lack of fresh water: people could get

water from a variety of places, such as streams, wells and stand pipes, but this water was often polluted by human waste.

### Important individuals of the Industrial Revolution

#### Robert Peel

Peel created and supported the Factories Act of 1844 which restricted the number of hours that children could work in factories as well as setting safety standards for machinery.

### <u> Isambard Kingdom Brunel</u>

One of the most influential engineers of the Industrial Revolution. Brunel built railways and ships and opened up Britain to a new network of industry

### <u>John Snow</u>

workers' hearing.

Snow was an English physician who discovered that the water in his local area was making everyone ill. His work led to the discovery of cholera and improved fresh water

for thousands

#### Edward Jenner

Jenner discovered vaccination in 1796, he discovered that if you placed a small amount of disease in a human they were then able to fight it off in the future. This discovery saved millions of lives

## Seebohm Rowntree Rowntree

was a English sociological researcher. He researched people living in poverty and argued that the government needed to do more to help them Knowledge Organiser Year 8 Industrial Revolution

1708 Jethro Tull's mechanical (seed) sower led to large-scale planting in rows, for easier cultivation between the rows.	iron ore, replacing wood and	1712 Thomas Newcomen built first commercially successful steam engine. Able to keep deep coal mines clear of water. First significant power source other than wind and water.	this sped	1761 Jam Brindley's Bridgewar r Canal opens. Barges carried co from Worsley t Manchest r	Hargre invente the Spinning Jenny, autom an aspool of	eaves ed ng ated ect	1779 First steam powered cotton mills developed. Crompton's "mule" combined Hargreaves' and Arkwright's machines, fully automating the weaving process.	1793- 1803 Thomas Telford built his two great iron aqueducts, over the Dee and the Cierog valleys.	1801 Robert Trevithick demonstrat e d steam locomotive.	1811-15 Luddite riots: labourers attacked factories and broke up the machines they feared would replace them.
		Key Words						Key Words		
Industrial Revolution The transformation of the economy, the environment and living conditions in the 18th century. The industrial revolution involved the use of steam engines and the use of machinery in factories. There were also changes in transport, communication and the population grew rapidly  Textile  e.g. Cotton  A fabric made out of cotton, demand of the people encouraged inventors to mechanize manufacturing, power looms being the first made into textiles (cotton) in rapidly expanding factories in UK.							couraged eing the first and America and es in			
cottage industries Before the growth a factories and mass production goods were made inside the homes of the crafts people on a small engine industries. For example merchants delivered raw materials for weaving to the home of crafts people to weave into cloth.  Steam engine in 1712. James Watt vastly improved his device in the 1760's and 1770's. Steam power was later applied to moving machinery in factories and to powering ships and locomotive.										
mass production products of many identical products by the division turnpike trusts were bodies set up by Parliament, with powers to collect road tolls (payment for people using roads). The money paid as a toll was introduced into the manufacture of pottery by Josiah Wedgwood and into the spinning of cotton thread by Richard Arkwright. This is associated with factories.						powers to collect y paid as a toll was n centuries.				
spinning jenny Invented in 1764, the Jenny was a machine that drew out cotton fibres and twisted them into thread.										
coke low	ented in 1709 quality iron. I purities from	by Abraham Darby. Co It is a type of fuel mad coal.	oke was use e by removi	d to make ing the	child labour	Chilo	dren starting from age our, docile and nimble	e 5 or 6 used for	work becaus	e they were cheap
railways allowed for the development of many trades and businesses. Huge supply industries emerged to manufacture the locomotives, rails and other equipment too. The railways improved greatly the diet of city dwellers, by allowing fresh milk and meat to be delivered far more quickly and enabled fish and chips, which hitherto had only been available in seaside towns, to become a national dish. Professional					people m people w factories them ill. how to u disease. I	noved orked in citi Unde se and In 175	Key Known grew 1750: 11 million from the countrysided at agriculture or cotilies. By 1750 people directions and the only ways to ge any roads canals and rections.	e to rapidly expa tage industries. id not understar e developed and ns. And how ov et around were,	nding cities. I B1900 most   Ind that dirt a I by 1900 doc ercrowding ir by foot or by	n 1750 most beople worked in and germs made tors understood a cities caused horse. By 1900

## **Year 8 Society**



	Key Events					
1	1897	NUWSS formed. Millicent Fawcett is leader.				
2	1903	WSPU is formed by Emmeline Pankhurst and daughters.				
3	1905	Militant Campaign begins – Christabel Pankhurst and Annie Kenney arrested				
4	1908	Mass rally in London $-300,000$ to $500,000$ activists attend. Window smashing using stones with written pleas on them.				
5	1909	<b>Hunger strike</b> and <b>force feeding</b> starts – Marian Wallace Dunlop becomes the first hunger striker.				
6	1913	<b>Militant</b> bomb and <b>arson</b> campaigns and increasing arrests which results in the passing of the <u>"Cat and Mouse" Act,</u> under which <b>hunger strike</b> rs are temporarily released then rearrested to prevent them dying in police custody				
7	1913	Emily Wilding Davison attempts to pin a <b>Suffragette</b> scarf onto the King's Horse at the Derby. She is struck by the horse and dies 4 days later.				
8	1914	World War 1 starts – <b>Suffragette</b> leaders urge women to join the war effort. <b>NUWSS</b> continues to campaign for recognition for their work.				
9	1918	The Representation of the People Act is passed, allowing men over 21 and women over 30 to vote.				

## **Key People**



Emmeline Pankhurst – WSPU

Led the WSPU from
October 1903. Took
more militant action
such as windows
smashing, arson and
hunger strikes.
Arrested numerous
times, went on hunger
strike and was force fed.
Died in 1928.



<u>Christabel Pankhurst</u> - WSPU

Became a speaker for the WSPU in 1905. She trained as a lawyer but could not practice as woman. Arrested with her mother. Fled England in 1912 for fear of being arrested again. Unsuccessfully ran for Parliament in 1918.



Emily Wilding Davison
- WSPU

Joined WSPU in 1906. 3 years later, left job as a teacher and became a **suffragette** full time. Frequently arrested for number of crimes inc. setting fire to post box. By 1911, become increasingly **militant**.



Millicent Fawcett - NUWSS

Leading suffragist and led NUWSS from 1897-1919. Played a key role in getting women the vote. Dedicated to using constitutional means, and argued that militancy was counter-productive.

### **Key Words**

Key words						
10	arson	The act of deliberately setting fire to property with a view to causing extensive damage.				
11	Cat and Mouse Act	Permitted suffragettes on hunger strike to be released but re-arrested once well again to complete their sentences.				
12	constitutional	A peaceful, legal way of campaigning, often using recognised 'political' methods such as petitions.				
13	enfranchisement	To be granted the vote or the state of having the vote.				
14	force feeding	Imprisoned suffragettes on hunger strike were sometimes force fed. Being force fed involved a rubber tube being inserted into the throat or nose and liquidised food being poured in.				
15	hunger strike	Some imprisoned suffragettes went on hunger strike to further raise awareness for their cause.				
16	manifesto	A public declaration or proclamation, stating the aims and methods of a campaign group.				
17	militant	Aggressive and violent behaviour in pursuit of a political cause, favouring extreme or confrontational campaign methods.				
18	NUWSS	The National Union of Women's Suffrage Societies (NUWSS) was formed in 1897 and brought together many smaller suffrage organisations. The NUWSS's method was non-confrontational and constitutional.				
19	pacifist	An individual who disagrees with war on principle.				
20	petition	A formal written request or application, especially one signed by many people, to a particular individual or group, for example, a government.				
21	propaganda	The publication of resources and ideas designed to encourage a particular and specific response.				
22	Representation of the People Act	In 1918, the Representation of the People Act granted the vote to women over 30 who were also householders, the wives of householders, owners of property worth over £5 or university graduates. The Act also granted the franchise to all men over the age of 21.				
23	suffrage	The right to vote in political elections.				
24	suffragette	A campaigner for women's suffrage willing to undertake militant action or to break the law.				
25	suffragist	A campaigner for women's suffrage who believes in constitutional methods of campaigning.				
26	WSPU	Women's Social and Political Union was formed when Emmeline Pankhurst found disillusionment with the progress of NUWSS. Deeds not Words was their slogan.				

## Jack the Ripper

stalked the streets of Whitechapel in

London in 1888 and committed 5 murders

so gruesome they still shock the world today.

Whitechapel was a poor area of winding streets and narrow alleyways. It

was filled with pubs, doss houses (hostels where beds were rented one night at a time), and prostitutes.

London was a highly polluted place at the time and a thick smog filled the

streets, making it difficult to see what's ahead of you.

#### The Victims

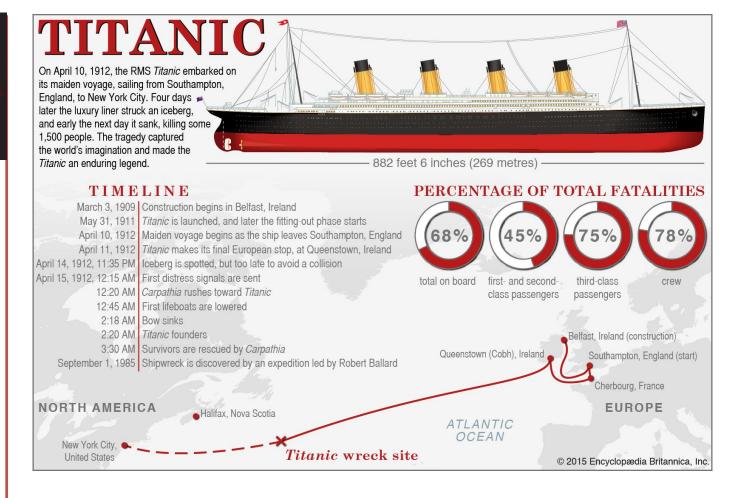
- 1. Mary Ann Nichols- 31st August 1888
- Mary was found dead in the middle of the street. She had had her throat cut and her belly sliced open.
- 2. Annie Chapman-8th September 1888

Annie Chapman was found in a yard, again with her throat cut and her belly sliced open. The fact that many people were close by suggests the killer was silent. Elizabeth Long reported seeing Annie

talking to a foreign gentlemen with a shabby genteel appearance.

- 3. Elizabeth Stride-30th September 1888
- Elizabeth Stride was found dead in a pub back yard. Her throat had been cut however the killer had been disturbed before he could mutilate her body. This seemed to anger him and he went in search of another victim.
- 4. Catherine Eddowes– 30th September 1888
  Later that same night Catherine Eddowes was murdered in Mitre
  Square. The killer was clearly frustrated by his earlier failure as the
  cuts were deeper and more frantic than the others.
- 5. Mary Jane Kelly- 9th November 1888

This was the most gruesome of the murders. Mary Kelly invited the murderer back to her home where the murder took place. Jack the Ripper spent hours mutilating her body. This was the most gruesome murder by far.









First, second & third class cabins.

Passengers were strictly segregated by class to reflect society at the time.