


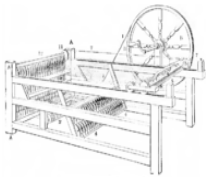
E-Content Resources in History (Secondary stage)




Resource 3

S. N.	AREA OF MATA DATA	TO BE FILLED BY CONTENT GENERATOR(S)
1	Topic	Inventions of the Industrial Revolution
2	Subject	History
3	Topic connected which area of subject?	The Age of Industrialization
4	Class/ Level	X
5	Objectives	To assess students understanding about inventions during industrial revolution
6	Summary	A series of inventions in the eighteenth century increased the efficacy of each step of the production process (carding, twisting and spinning, and rolling). They enhanced the output per worker, enabling each worker to produce more, and they made possible the production of stronger threads and yarn.
7	Key Words	Industrial revolution, inventions, Flying shuttle, Spinning jenny, Water frame, Spinning Mule, Power loom
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10	CIET Coordinator	

Below is given a list of inventions (in the chart) of the industrial revolution. By making use of this chart answer the following questions.

Invention	Date	Inventor	Purpose
Flying shuttle 	1733	Jon Kay	doubled the amount of work a worker could do in a day



Spinning jenny 	1764	James Hargreaves	allowed one spinner to spin eight threads at a time
Water frame 	1769	Richard Arkwright	harnessed water power from streams to fuel spinning machines
Spinning Mule 	1779	Samuel Crompton	made thread that was stronger than earlier spinning machines



Power loom	1785	Edmond Cartwright	harnessed water power from streams to speed up the weaving process
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1. Who invented the water frame?

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2. In what year was the spinning mule invented?

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3. What was the purpose of the power loom?

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Picture

Source:

https://upload.wikimedia.org/wikipedia/commons/thumb/9/91/Shuttle_with_bobin.jpg/100px-Shuttle_with_bobin.jpg

https://upload.wikimedia.org/wikipedia/commons/thumb/1/15/Spinning_Jenny_improved_203_Marsden.png/300px-Spinning_Jenny_improved_203_Marsden.png

<https://upload.wikimedia.org/wikipedia/commons/thumb/0/04/Waterframe.jpg/220px-Waterframe.jpg>

<https://upload.wikimedia.org/wikipedia/commons/thumb/f/fd/Mule-jenny.jpg/220px-Mule-jenny.jpg>

https://upload.wikimedia.org/wikipedia/commons/0/02/TM158_Strong_Calico_Loom_with_Planned_Framing_and_Catlow%27s_Patent_Dobby.png