

Public Page

Unit 13 Lesson 3 Day 2



Click to

An Age of Innovation

Match up

Match up

- Alexander Graham Bell
- Carnegie
- Wood & Coal
- Edison
- Innovator
- 2nd Industrial Revolution
- Iron
- Petroleum

- Had an 'invention factory'
- The easy production of steel helped to start this
- The material used during the 1st industrial Revolution
- Produced lots of Steel in the US
- Was used to heat homes in the 1800s
- New fuel that is found that is used to heat homes
- A person who introduces new concepts, ideas, things or methods
- Invented the telephone

Guglielmo Marconi

Guglielmo Marconi



Wanted to be able to send messages anywhere- even to or from moving ships

Messages could be transmitted over very long distances

Match up

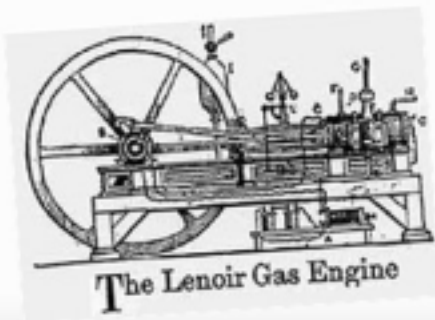
Match up

- Henry Bessemer
 - Made up a process for making steel in a gas furnace
 - Invents a furnace that could cheaply turn iron into steel
- Guglielmo Marconi
 - Father of the Radio- his invention helps ships communicate
- Charles Williams Siemens

The Age of Innovation



The Age of Innovation



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What innovations do we see in cars today?

What innovations do we see in cars today?



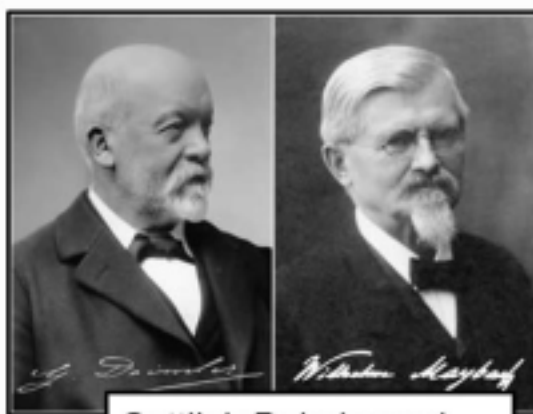
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Which Innovators are we focusing on today?

Which Innovators are we focusing on today?



Jean Lenoir




Gottlieb Daimler and
Wilhelm Maybach



Karl Benz

Vocabulary Strategies

Vocabulary Strategies

- P.A.V.E. strategy
- Background info & a 
- This week- Morphology

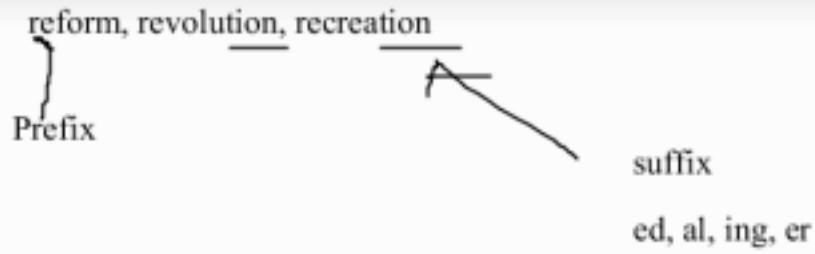
Morphology: How do we break down a word

Morphology: How do we break down a word

- Reform
 - Revolution
 - Industrial Revolution
-
- Reformation .

Slide9

Breaking down a word into specific parts

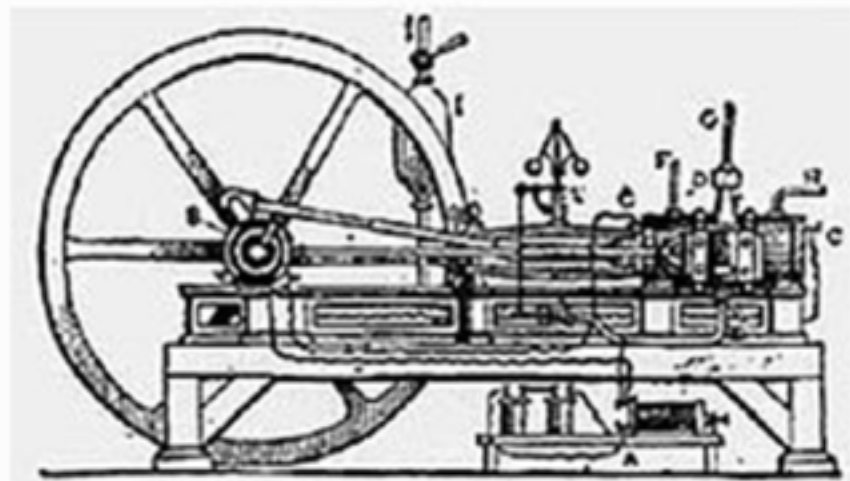


Jean Lenoir

Jean Lenoir

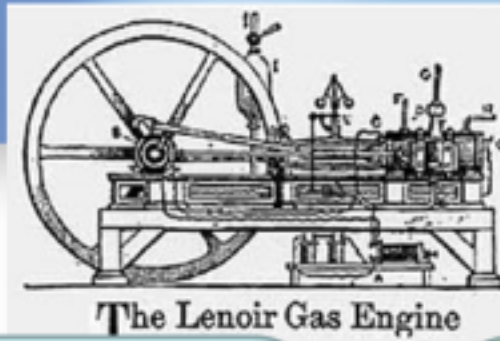


- From Belgium
- Innovation: Internal combustion engine



The Lenoir Gas Engine

Slide11



Purpose: To find an alternative to the steam engine that would be more practical and easier to use

Impact:

This engine did not need a constant supply of water or wood/coal to burn.

Led to the development of automobiles and other machines

Automobile

Automobile

How could we break this word down?

Auto + mobile

| | |
|---------------|-----------------------|
| Automatic | has to do with moving |
| Autobiography | moving by itself |
| Autocorrect | self- propelled |

Gottlieb Daimler and Wilhelm Maybach

Gottlieb Daimler and Wilhelm Maybach

- Innovation: Invented the motorcycle and made a gas-powered, four wheeled vehicle

quad



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Slide14



What??s this?

What's this?



Slide16

- Impact: Revolutionized transportation and changed society



p.
567

Maybach Exelero

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Karl Benz

Karl Benz

- Does his last name sound familiar?

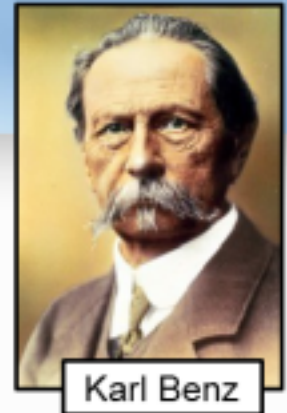


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Karl Benz

Karl Benz

- Innovation: Made a gas-powered three-wheeled vehicle with steering wheel and brakes.
- Impact: Many consider Benz's vehicle the first automobile.
- The automobile changed society.

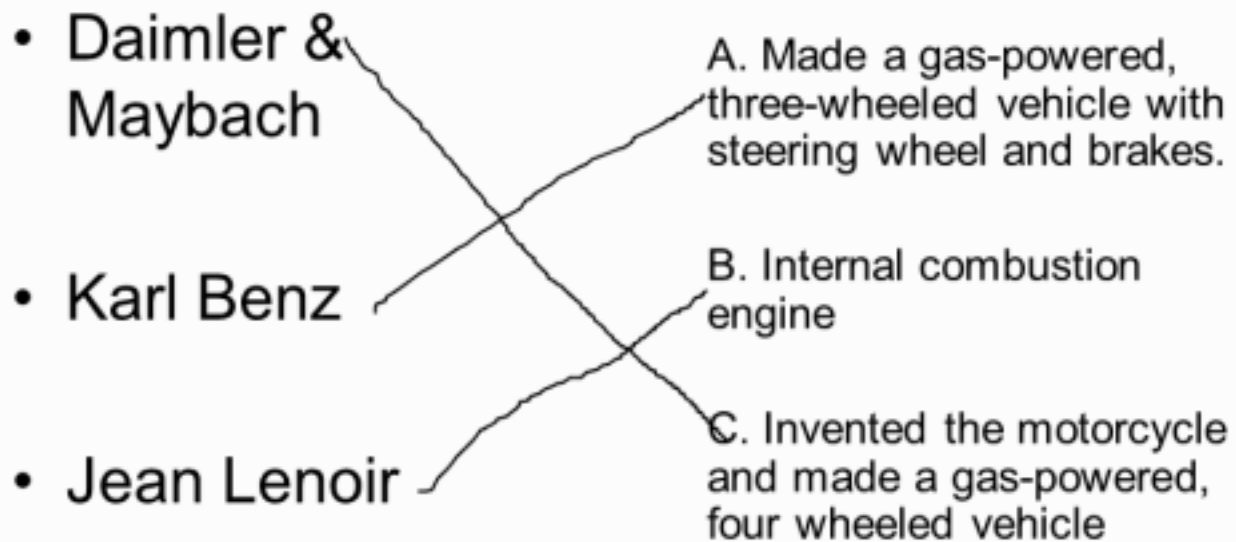


Slide19



What did they invent???

What did they invent...?

- Daimler & Maybach
 - Karl Benz
 - Jean Lenoir
- A. Made a gas-powered, three-wheeled vehicle with steering wheel and brakes.
 - B. Internal combustion engine
 - C. Invented the motorcycle and made a gas-powered, four wheeled vehicle
- 

Great work today!

Great work today!



Exit Ticket

Which invention that we learned about today was the most exciting/important and why?

Please enter in chat

Homework:
13.3 take home quiz

Don't forget Quarter 3 ends on Friday