

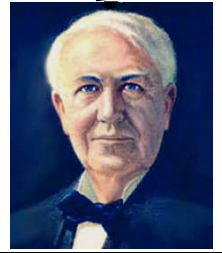
Bright Ideas!



PRIMARY

Interpreting Information.

Read the following information and answer the questions below.



Thomas Edison – Inventor

- ⚙ Like Ben Franklin, Thomas Alva Edison was both a scientist and an inventor. Born in 1847, Edison would see tremendous change take place in his lifetime. He was also to be responsible for making many of those changes occur.
- ⚙ When Edison was born, society still thought of electricity as a novelty, a fad. By the time he died, entire cities were lit by electricity. Much of the credit for that progress goes to Edison. In his lifetime, Edison patented 1,093 inventions, earning him the nickname "The Wizard of Menlo Park."
- ⚙ The most famous of his inventions was the incandescent light bulb. Besides the light bulb, Edison developed the phonograph and the "kinescope," a small box for viewing moving films. He also improved upon the original design of the stock ticker, the telegraph, and Alexander Graham Bell's telephone.
- ⚙ He believed in hard work, sometimes working twenty hours a day. Edison was quoted as saying, "Genius is one percent inspiration and 99 percent perspiration." In tribute to this important American, electric lights in the United States were dimmed for one minute on October 21, 1931, a few days after his death.

Source: <http://sln2.fi.edu/franklin/inventor/edison>.

1. When was Thomas Edison born? _____
2. How many inventions did he patent in his lifetime? _____
3. What was Edison's nickname? _____
4. Name three of Edison's inventions? _____

5. What was Edison's famous quotation? _____

6. In your own words, what do you think it means? _____

Meanings.

Match these words from the text with their meanings.

incandescent novelty telegraph perspiration

1. Something unusual, an innovation. _____
2. Another word for sweat. _____
3. Glowing brightly. _____
4. System of sending messages by wires. _____

Hard Work ! Thomas Edison

believed in hard work. Can you change HARD to WORK in 2 steps, changing only one letter at a time?

H A R D

— — — —

— — — —

W O R K

Can you make up your own similar puzzle?

Invention Word Search. Find and circle these invention words, up and down, left to right and diagonally.

A	C	E	N	G	I	N	E	F	O	D	X	C	C	Q	U	O	P	E	R
E	P	I	M	A	W	A	S	R	D	M	A	D	S	E	O	L	N	F	G
T	C	N	A	H	Z	T	A	W	R	C	Q	P	E	S	N	O	L	E	C
E	L	V	E	G	F	A	R	S	A	X	V	B	N	S	H	S	E	A	C
N	P	E	D	R	O	F	Y	R	N	E	H	Y	N	P	L	T	A	W	A
R	L	N	A	E	E	S	E	R	O	J	T	Y	E	T	T	N	T	B	M
E	Y	T	I	C	I	R	T	C	E	L	E	L	T	I	E	A	T	A	E
T	O	I	N	T	W	E	E	G	L	N	E	C	O	L	F	O	A	P	R
N	L	O	D	B	A	S	E	L	E	T	R	I	C	I	C	S	W	E	A
I	E	N	I	N	V	E	N	B	N	O	I	S	I	V	E	L	E	T	E



engine
Leonardo
telephone
electricity
Watt
camera
Henry Ford
internet
wheel
television
invention

Comma Here! Lists of things in sentences require commas between them. Use these key words to write sentences that include the use of commas.

1. Leonardo da Vinci architect musician inventor scientist artist

2. Thomas Edison light bulb kinetoscope phonograph

3. inventions television electricity microscope computer

Work It Out!



- 5 groups of 7 = ____
- $64 \div 8 =$ ____
- $7000 + 300 + 60 + 3 =$ ____
- Multiply 12 by 9 = ____
- 5, 10, 20, 40, ____
- ____ X 8 = 64
- 5 lollies @ 20c each = ____
- Days in 4 weeks = ____
- Hours in 2 days = ____
- Minutes in 3 hours = ____

Addition. Set these sums out correctly on a new page and solve.

- $\$842 + \355
- $36\ 409 + 24\ 216$
- $25.6 + 38.4$
- $\$264.75 + \4646.50
- $829.06 + 845.5$
- $1685.4 + 456.27$
- $38.4 + 356.08 + 129.25$
- $47.91 + 225.2 + 116.07$

Web Links. For more info about inventing, check out:
www.edisonkids.com
www.invent.org
www.nationalgeographic.com/features/96/inventions

Leonardo

Leonardo da Vinci was left-handed and wrote most of his notes backwards – they had to be read in a mirror! Try writing your name, address and telephone number, or maybe the words to your favourite song in this style.

Eugene's Challenge.



Present a mini-project on a famous inventor. Some suggestions include:

- *Benjamin Franklin *Leonardo da Vinci *Alexander Graham Bell
*Guglielmo Marconi *The Wright Brothers *James Watt

Include information about the inventor as well as his/her achievements.

Parent signature: _____