

# GREAT IDEAS, GREAT INVENTIONS

## It Takes a TEAM to Make a School GREAT!

Take a look around your school and you'll find all kinds of incredible inventions developed by some really amazing minds. Here are just a few of the people who have helped make schools great.

**1. 1768**  
Colin Macfarquhar & Andrew Bell  
**ENCYCLOPEDIA BRITANNICA**  
In the 18th century this ambitious pair—a printer and an engraver—teamed together to create an encyclopedia to serve the "new era of scholarship and enlightenment" in Scotland. Today, it is the oldest English-language encyclopedia still in print.



**5. 1889**  
Anna Breadin  
**SCHOOL DESK**  
In 1889, this designer patented the first school desk. Her design included storage space under the table area for books (not chewing gum!), plus a folding seat.



**2. 1801**  
James Pillans  
**BLACKBOARD AND COLORED CHALK**  
This headmaster in Edinburgh, Scotland, is credited as the first to use a blackboard and colored chalk in the 1800s. He used them to teach geography.

**4. 1876**  
Melvil Dewey  
**THE DEWEY DECIMAL SYSTEM**  
While working as a librarian, Melvil Dewey developed a book classification system to organize nonfiction books into 10 different categories. Created in 1876, it is still used in almost all of our libraries today!

**6. 1897**  
John Lee Love  
**PENCIL SHARPENER**  
Tired of whittling away the wood from his pencils, American inventor John Lee Love invented the pencil sharpener. His simple, portable design uses a crank to rotor away thin slices of wood to create a sharp point.

**10. 1963**  
Douglas Engelbart  
**COMPUTER MOUSE**  
This American inventor and computer pioneer from Oregon invented the computer mouse in 1963. The name "mouse" comes from the little tail that came out of the end of the device.

**3. 1828**  
Noah Webster  
**WEBSTER'S DICTIONARY**  
This master linguist authored *An American Dictionary of the English Language* and established a system of rules to govern spelling, grammar, and reading in the United States. The book contained definitions for 70,000 words and took 27 years to complete.



**7. 1903**  
Edwin Binney and C. Harold Smith  
**CRAYONS**  
Invented by cousins Edwin Binney and C. Harold Smith, the first box of crayons made its debut in 1903. Originally available in only eight colors—black, brown, blue, red, purple, orange, yellow and green—today they come in hundreds of hues, even ones that glow in the dark!

**8. 1935**  
W. Walter Grumbacher  
**SPIRAL NOTEBOOK**  
While some say it's impossible to know who created the first spiral notebook, the patent is attributed to W. Walter Grumbacher in 1935. Its coiled wire binding made it easier to rip out and remove pages.

**9. 1939**  
Frank W. Cyr  
**SCHOOL BUSES**  
Known as the Father of the Yellow School Bus, this American educator organized the first national conference for developing school bus standards in 1939. These standards included adopting the now-famous orange-yellow school bus color for visibility and safety reasons.

## TOP TIPS FOR MAKING IT GREAT WITH MICROSOFT® OFFICE 2010

- 1 Create reports that get you noticed!**  
Add style and flair to your reports with **Microsoft® Word 2010**. **SmartArt®** graphics and text effects help to make your writing stand out and let you use images to show key ideas and information. 
- 2 Give credit where credit is due.**  
Cite sources quickly and correctly with **Citations and Bibliographies** in **Word 2010**. This feature lets you save new sources, place footnotes in text, and generate bibliographies.
- 3 Put your message in motion!**  
Add video, animations, and transitions to your **Microsoft® PowerPoint® 2010** presentation. Embed and edit video files directly in **PowerPoint® 2010**. New features allow you to apply video effects like reflections, bevels, and 3-D rotation. 
- 4 Broadcast your ideas virtually anywhere!**  
Broadcast your **PowerPoint® 2010** presentation by sending a link to where people can view your presentation on the web.
- 5 Get organized!**  
Create a digital notebook in **Microsoft® OneNote® 2010**. From text and images to video and audio, store all of your information and ideas in one single spot that can be easily shared with your classmates. 
- 6 Take note taking to a whole new level.**  
Research and take notes while working in **Word 2010**, **PowerPoint® 2010** or online. **OneNote® 2010** puts them all in one place where they're easy to review and study.
- 7 Highlight data trends quickly.**  
**Sparklines** in **Microsoft® Excel® 2010** let you create small charts in a single cell to quickly discover patterns and trends in information. 
- 8 Slice and dice data to find just what you need.**  
The **Slicer** feature in **Excel® 2010** makes it easy to sort through data to find exactly the information that you are looking for.
- 9 Work together online—whenever, wherever.**  
Team projects are easier than ever. Create projects in **Microsoft® Office 2010** then post them online so everyone can work together virtually and share their ideas.
- 10 Get homework done from virtually anywhere!**  
Simply create your documents in **Microsoft® Office 2010** then post them online to access and edit them from virtually anywhere you have Internet access.\*

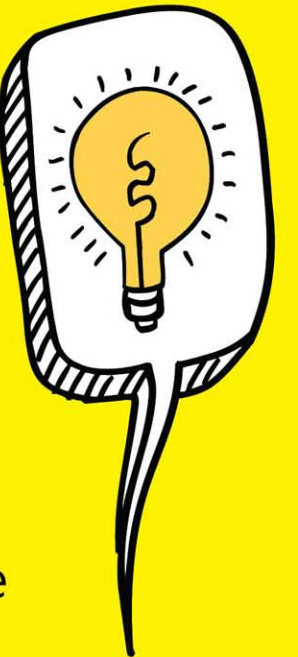
## TURNING IDEAS INTO ACTIONS

### What's the Big Idea?

#### Where do great ideas come from?

Absolutely everywhere! Ideas can happen in the classroom, in the lunchroom, on the playground, even at home.

Take a look around and brainstorm what you and your classmates can do to help your school go from good to GREAT! Silly or serious, wacky or wild, great things happen when you let your imagination go!



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