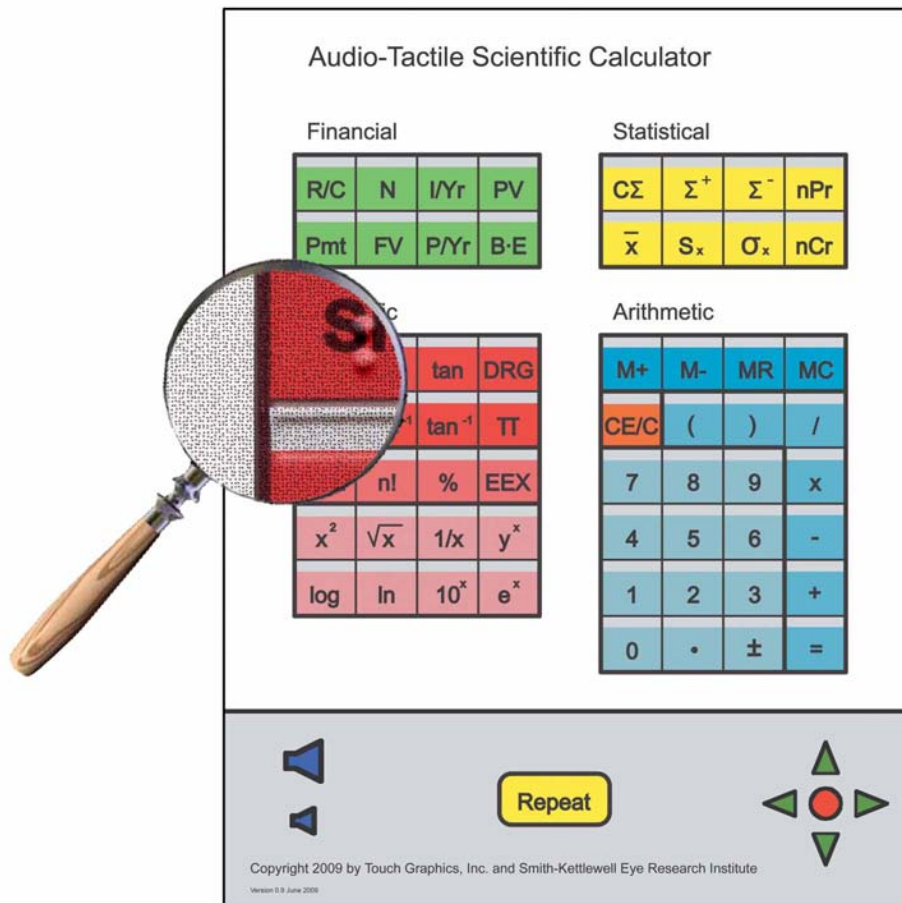




# Talking Tactile Pen

Touch  
Graphics, Inc.



Left: Talking Tactile Calculator. Right: Livescribe's Pulse Titanium 2G pen

Touch Graphics, in collaboration with scientists at the Smith Kettlewell Eye Research Institute, announces the Talking Tactile Pen! This tool achieves a new level of portability and sophistication in audio-tactile interactive computing. As students explore various raised-line and textured images, they touch the tip of a Livescribe Pulse pen to any feature they would like to know about. The pen's on board computer determines the location of the pen's tip on the tactile surface, then plays spoken descriptions through a tiny speaker or earphones (included). Subsequent taps in the same spot reveal more information. Java programs running on the pen permit rich interactivity. The first four apps for the pen will be available for sale in Fall of 2010, followed by more apps in 2011 and 2012.

Pulse Pen is a trademark of Livescribe Corporation. Copyright 2010 by Touch Graphics, Inc and Smith Kettlewell Eye Research Institute

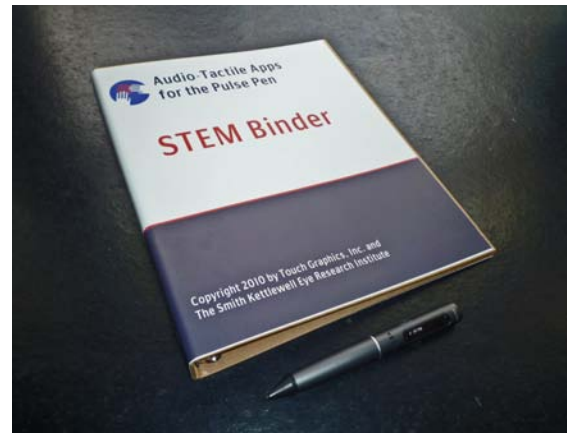


The Talking Tactile Pen has been developed through a series of research grants from the United States Department of Education, National Institute for Disability and Rehabilitation Research and National Science Foundation, Research in Disabilities Education - Focused Research Initiative. These agencies have not endorsed these products.



# Talking Tactile Pen | Titles and prices

- **Periodic Table - \$60**  
Understanding the layout of the Periodic Table is necessary for academic success in the physical sciences. This audio-tactile version provides names of each element, atomic number and weight, and 10 more layers of information that can be accessed just by tapping with the pen on cells in the table.
- **Calculator - \$45**  
A full-featured scientific, financial and statistical calculator. Users learn how to carry out operations by touching the pen's tip on the upper portion of any button, then slide the pen down within the same cell to invoke that function.
- **Soduko - \$45**  
An audio-tactile version of the popular puzzle game. Players touch the tip of the pen to a square in the 6 x 6 grid, then place a number into that square by tapping on one of the six number buttons. The game includes an unlimited number of unique game boards. The more challenging 9 x 9 version is coming soon!
- **Motor Neuron Diagram - \$25**  
A relief image of a nerve cell, showing the cell body, nucleus, axon, dendrites and synapses. Users tap the pen on the diagram to hear names of each part spoken, and tap again to reveal layers including description and function. This is the first of many planned biological and anatomical talking tactile diagrams.
- **Livescribe Pulse Pen - \$149**  
2 GB Titanium Pulse smart pen preloaded with the all of the apps listed above. Comes with earbuds, USB mobile charging cradle, and protective case.
- **STEM Binder – \$25**  
Rigid loose leaf binder for holding your pen and your growing collection of Talking Tactile Pen apps in style



The STEM Binder

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