

User's Guide



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Visual Math Vocabulary
for Windows Mobile

User's Guide

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Introduction

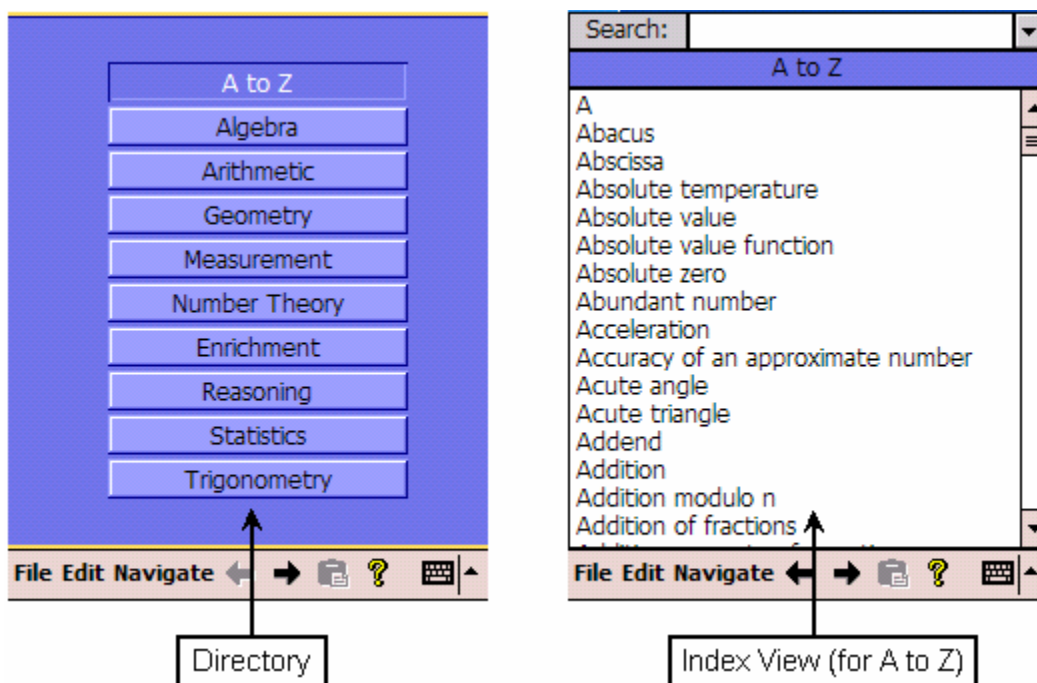
Visual Math Vocabulary is a database of approximately 1,100 math terms and definitions. It has been designed with you, the user, in mind. Whether you are a teacher using it in a classroom, or a student using it at home, you can quickly and easily navigate your way around *Visual Math Vocabulary* and learn to use its features.

Most people are familiar with dictionaries and how to use them. The terms are all listed in alphabetical order. *Visual Math Vocabulary's* database is organized in a dictionary like manner. If you do not want to use the entire database at one time, you can select a subset of terms. These subsets organize the database into topics such as arithmetic, algebra, geometry, measurement, number theory, reasoning, statistics and trigonometry, essentially creating mini-dictionaries in each of these areas.

Visual Math Vocabulary has much more to offer than a typical paper dictionary does. It goes beyond just a listing of the terms and definitions. Each entry has its own frame and sound file of its correct pronunciation, and many of the entries are enhanced with examples and graphics. These features reinforce the entry being viewed.

Indices and Index View

When *Visual Math Vocabulary* is launched, you are presented with the **Directory**. The Directory lists all indices of the database available. Select the index that you would like to explore by tapping the appropriate button. This brings you to the **Index View** for that particular index. The **A to Z** index provides access to the entire database.



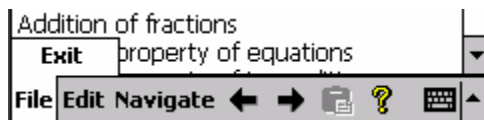
Once the index is selected, you are presented with an **Alphabetic Listing** of terms. This view lists all of the terms for the current index. To select a term and see its definition, tap on the appropriate term in the list. You may scroll down through the list, or search the list using the Search field. See **Finding Entries** on page 6.

Menus

The menus are found at the bottom left hand side of the screen, on the toolbar. The three menus are **File**, **Edit**, and **Navigate**. They allow for simple navigation throughout the entire database of entries.

File Menu

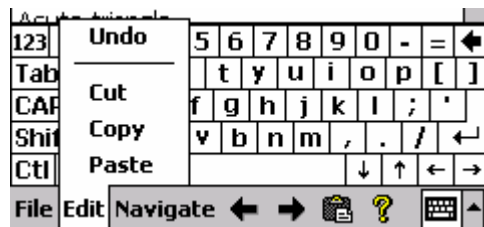
To exit *Visual Math Vocabulary* and unload it from memory, tap **Exit** from the **File** menu.



You can also close *Visual Math Vocabulary* by tapping the **x** at the top right hand corner of the screen. This does not unload *Visual Math Vocabulary* from memory, so the next time you open it, you are taken to where you left off when you last closed it.

Edit Menu

The **Edit** menu functions are used for cutting, copying and pasting into and out of the Search field.



Undo – Reverses the last action taken in the Search Field.

Cut – Cuts the highlighted selection in the Search field and puts it on the clipboard.

Copy – Copies the highlighted selection in the Search field and puts it on the clipboard.

Paste – Inserts clipboard contents into the Search field at the selection point.

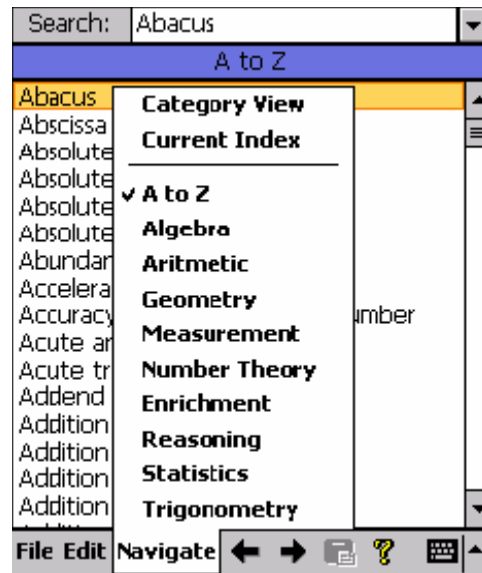
Navigate Menu

From the **Navigate** menu, you can jump from the current view to any other view. Tapping **Category View** takes you back to the Directory, and tapping **Current Index** takes you to the current index view (if one has been selected). Tapping any of the categories listed loads that category into the Index View.

The left and right arrows on the toolbar go to the next or previous view, if any. See **Toolbar Buttons** below.

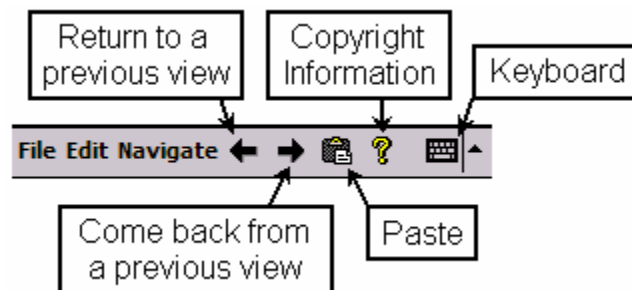
Category View – Takes the user back to the Directory.




Current Index – Takes the user back to the last index chosen, if any.





Toolbar Buttons

The toolbar buttons can be found at the bottom of the screen to the right of the File, Edit and Navigate menus. The toolbar has many useful buttons shown in the screenshot below.



-  – Tap here to return to the previous view.
-  – Tap here to return from a previous view. Tapping on this button after tapping on the left arrow above takes you back to where you started.
-  – Inserts clipboard contents into the Search field at the selection point.

 – Tap this button to view the copyright information for *Visual Math Vocabulary*.

 – Tap on this button to see the keyboard. Tap on this button again and the keyboard will disappear.

Finding Entries

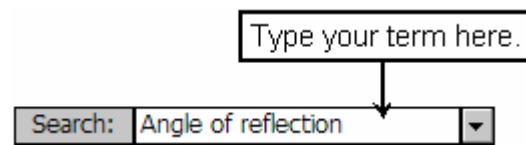
As you know you can scroll through the entire alphabetic index looking for a particular term that you are interested in. However, with over 1100 entries in the database this may not be the most efficient way of searching for the information you want.

There are many other ways to search the database for the term you are looking for. One way you can search for a **specific entry** is typing it in the Search field. Another is to choose to search a smaller set of the database by viewing one of the **subject indices** instead of choosing from the entire **alphabetic index** (see **Indices and Index View** on page 3). Also, within a definition, **hypertext links** connect you to related terms (see **Hypertext Links** page 8).

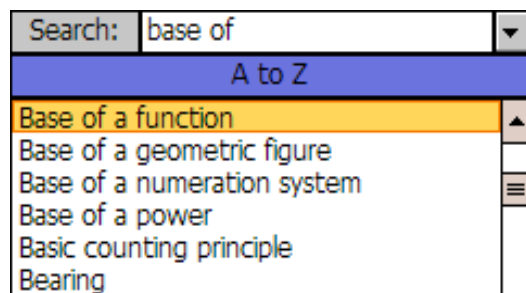
For convenience, temporary bookmarks of the terms you have looked up in the current session are automatically maintained, making it easier to move back and forth between entries. All of these features make it easier for you to find a term you are looking for and to navigate your way around the database.

Searching by Key Word

The **Search field** is located at the top of the screen. To use it, simply tap inside the search field with your stylus. This action automatically opens the keyboard window along the bottom. As you type, the list is scrolled and the appropriate term is selected based on the content of the search field. Tapping Enter on the keyboard selects the current selection and loads its definition.

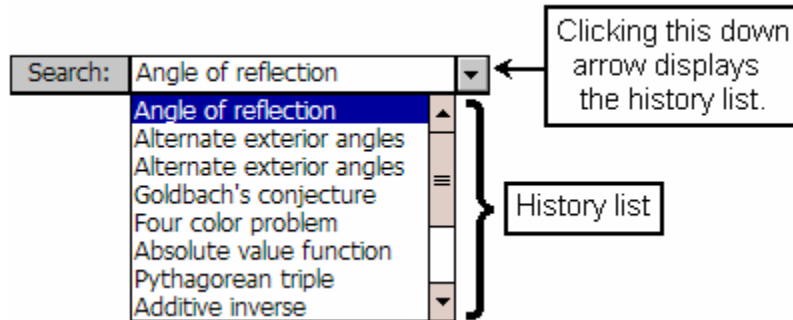


1. Tap on the search box. This ensures that the term you type is placed in the box.
2. Type the term you are searching for, or its first few letters. Notice that as you type in the search box, the words in the index change.
3. Hit the enter key. *Visual Math Vocabulary* finds the term or its closest match and displays the definition. You may also tap on the term to open it.



Returning to Previous Lookups

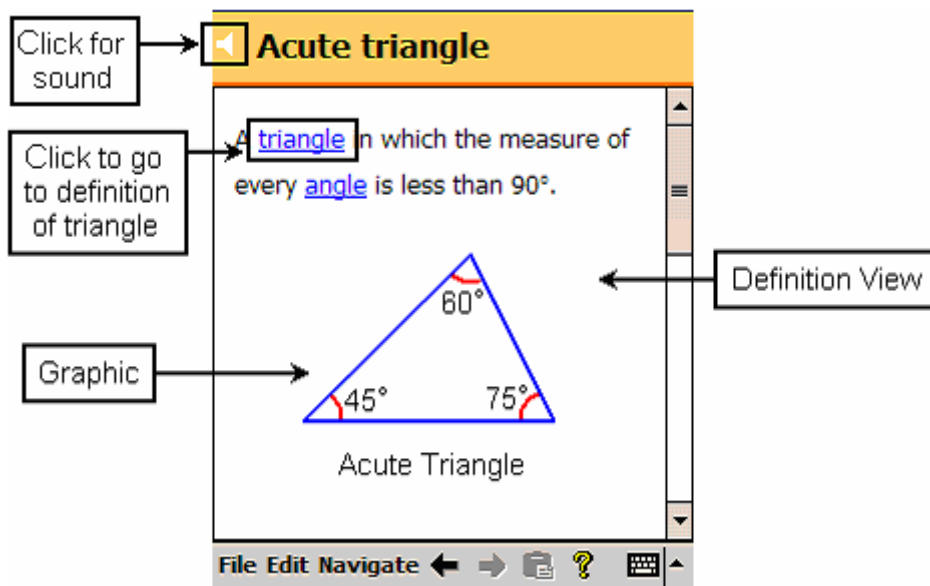
You can also search for a word by backtracking through the items you have already looked up. If you tap on the down-arrow at the end of the search box, a drop down list of the terms looked up in the current session is displayed. Tap on the word you are looking for to see its definition. A list of terms looked up in the current session is maintained.




Note: When you choose the term you want from the history list, and then continue looking up other terms and definitions, a new history list is created from this point on.

Definition View

When a selection is made from the Index view, the selected term's definition is displayed in the **Definition View**. The term's definition may contain graphics, sound and hyperlinks to other definitions. Navigation between the different views is controlled from the menus and toolbar buttons along the bottom of the screen (see **Menus** page 4 and **Toolbar Buttons** page 5).



Sound

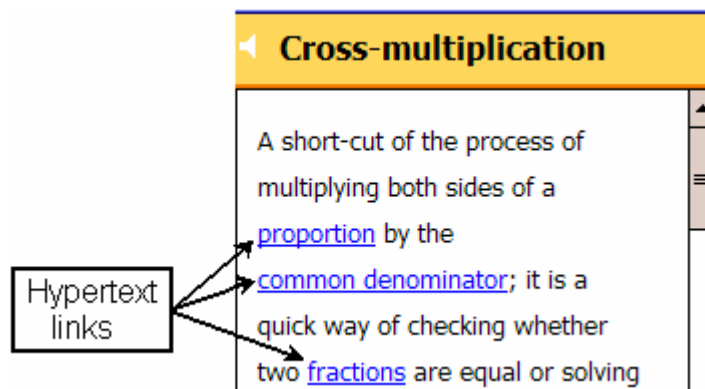
Tap on the  button to the left of the definition name to hear the proper pronunciation of the term.

Graphics

Many definitions in *Visual Math Vocabulary* have graphics to help explain important ideas in greater detail. These graphics appear in the definition view along with the definition of the term.


Hypertext Links

Visual Math Vocabulary has been designed to facilitate movement, especially connected movement, within the database by hypertext links. Within a definition, any text that is displayed in blue is a hypertext link. You can also move around the database in dictionary order and return to words you have already looked up in your current session.



Using a Hypertext Link

1. Position the stylus over the blue colored text.
2. Tap on the blue colored text. The new term is looked up in the database and displayed.

Note: After tapping a hypertext link, you can go back to the previous definition by tapping the left arrow  button on the toolbar at the bottom of the screen.

Trouble Shooting

Problems with *Visual Math Vocabulary* for Windows Mobile?

If you experience any difficulties with *Visual Math Vocabulary*, with the installation or the running of any part of the program, please, contact our web site immediately. As we are made aware of any problems users of *Visual Math Vocabulary* are experiencing, we will put this information on our web site along with our solution.

You can find our web site at **www.mathresources.com**.

Contacting MathResources Inc.

We would love to hear from you. If you have any comments and/or suggestions about *Visual Math Vocabulary* or this User's Guide or if you have some great ideas about other products that you would like to see, please, let us know. Your feedback will help us improve on our current products and help us create better ones in the future.

You can reach us in the following ways:

- Email: support@mathresources.com
- Visit our web site at **www.mathresources.com**
- Call us at: 1-800-720-1323 (within North America) **OR** 1-902-429-1323
- Fax us at: 1-902-492-7101

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