



**Mobile Signing Science Picture Dictionary
User's Guide**

Welcome to the Mobile Signing Science Picture Dictionary (MSSP)!

The MSSP can be used anytime, anywhere! It is an interactive 3D sign language *mobile* dictionary for young students who are Deaf and Hard-of-Hearing and use American Sign Language (ASL) or Signed English (SE). The MSSP supports access to science content and can be used in and out of the classroom. For the MSSP, TERC, in collaboration with Vcom3D, used SigningAvatar® accessibility software to animate 565 standards-based math terms and definitions for Kindergarten through 3rd grade students.

In this Guide, you will learn how to:

- ❖ Download and install the App
- ❖ Navigate the MSSP on the iPod Touch or iPhone

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Compatible Devices


MSSP can be downloaded and installed on any of the following Apple mobile devices:

- iPod Touch, 3rd generation or newer with iOS 4.3+
- iPhone, 3GS or newer with iOS 4.3+
- iPad, including mini and Air

If you are not certain what version of the Operating System (iOS) your device has, just proceed with the download instructions below – if you need to update, you will receive a message when you try to download.

Downloading MSSP



Click on the App Store icon  on your mobile device. Click on the Search icon at the bottom of the screen. Search on “Vcom3D” and locate Signing Science Picture Dictionary.

The MSSP app is large and may take several minutes to install, depending on your Internet connection.

When the installation is complete, the MSMP icon will appear on your devices screen.

To access the Mobile Signing Science Pictionary, select the MSSP icon by tapping the button on the home screen of the iPod Touch. Below is the icon you will see on the Home Screen.

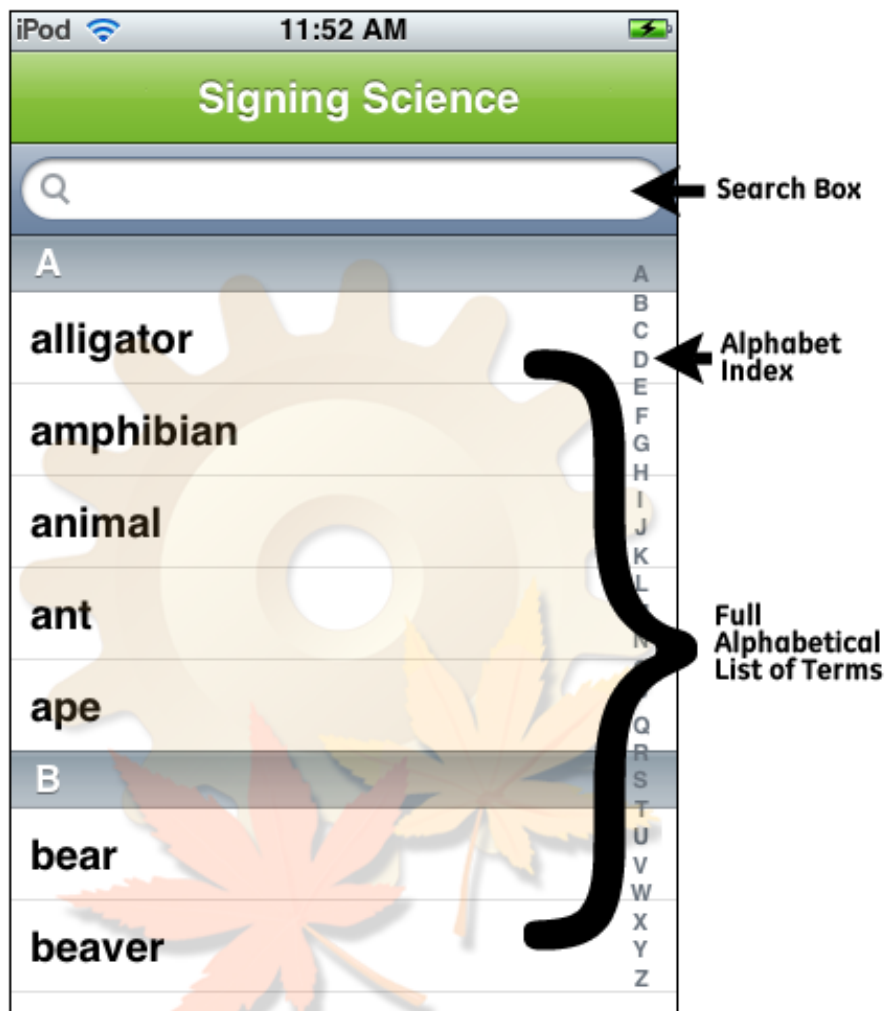


The MSSP Icon

Note: Depending on your version of the iOS operating system, there may be differences in the color and shape of buttons and other elements displayed in the app. These differences will not affect the functionality of the app.

Getting to Know the MSSP

Alphabet Page



The Alphabet Page of the MSSP is your home page. The Alphabet Page contains the complete alphabetical listing of all terms in the MSSP. From here, you can select a term and go to its Definition Page (shown on Page 4). There are three ways to find a term as outlined below. When you find the term you want, refer to the section in this Guide on how to use the Definition Page. If you want to look up a specific term, refer to the section in this Guide on how to use the Search Box (shown on Page 5).

1. Use your finger to scroll through the Alphabetical List of terms. Stop at the term you need and tap on it to go to its Definition Page.
2. Use the Alphabetical Index to go directly to a letter in the alphabet and find the term you need. Stop at the term you need and tap on it to go to its Definition Page.
3. Tap on the Search Box. A keyboard will appear which allows you to type in the word you want to find. When your word appears, tap on it to go to its Definition Page.

Note: If you are using an iPad, you will be able to view the App at two different sizes. There will be a "1X" or "2X" selector in the lower right corner of the screen. Tap this selector to toggle between half-screen and full-screen sizes.

Definition Page

iPod 11:55 AM

Dictionary ← dolphin

dolphin, noun ASL SE

Illustration \ Photo

A dolphin is a mammal that lives in the ocean. Dolphins look like whales, but are usually smaller and have long, slender noses. ASL SE

(Use dolphins for more than one dolphin.) ASL

(Use dolphins for more than one dolphin.) SE

mammal whale

Previous Word

Return to MSSP Alphabet Page

Term

Signed Definition

Cross Reference Terms

Return to Previous Word

The Definition Page contains the information for each Term included in the MSSP. Each page contains the term, part of speech, definition and in some cases, a picture. Terms within each definition are listed below (in the Cross Reference section) and can be linked to with one click. You can return to the word previously visited by clicking the Previous Word icon or return to the Alphabet Page by selecting the "Dictionary" button at the top of the page. If you cannot see the Previous Word button, place your finger on the page and drag it up to see the rest of the page.

Using the Search Box



You can use the Search Box to find a specific term. To activate the search feature from the Alphabet page, tap on the text field next to the magnifying glass in the Search Box. A keyboard will appear at the bottom of the screen that allows you to type in your term. You can switch between lowercase and uppercase by selecting the up arrow button and backspace by selecting the left arrow. To clear all the text in the text field at once, tap on the "x" button in the search bar.

As you type, the search box will display words that closely match the spelling of the text in the text field. You can select any term to continue to its Definition page.

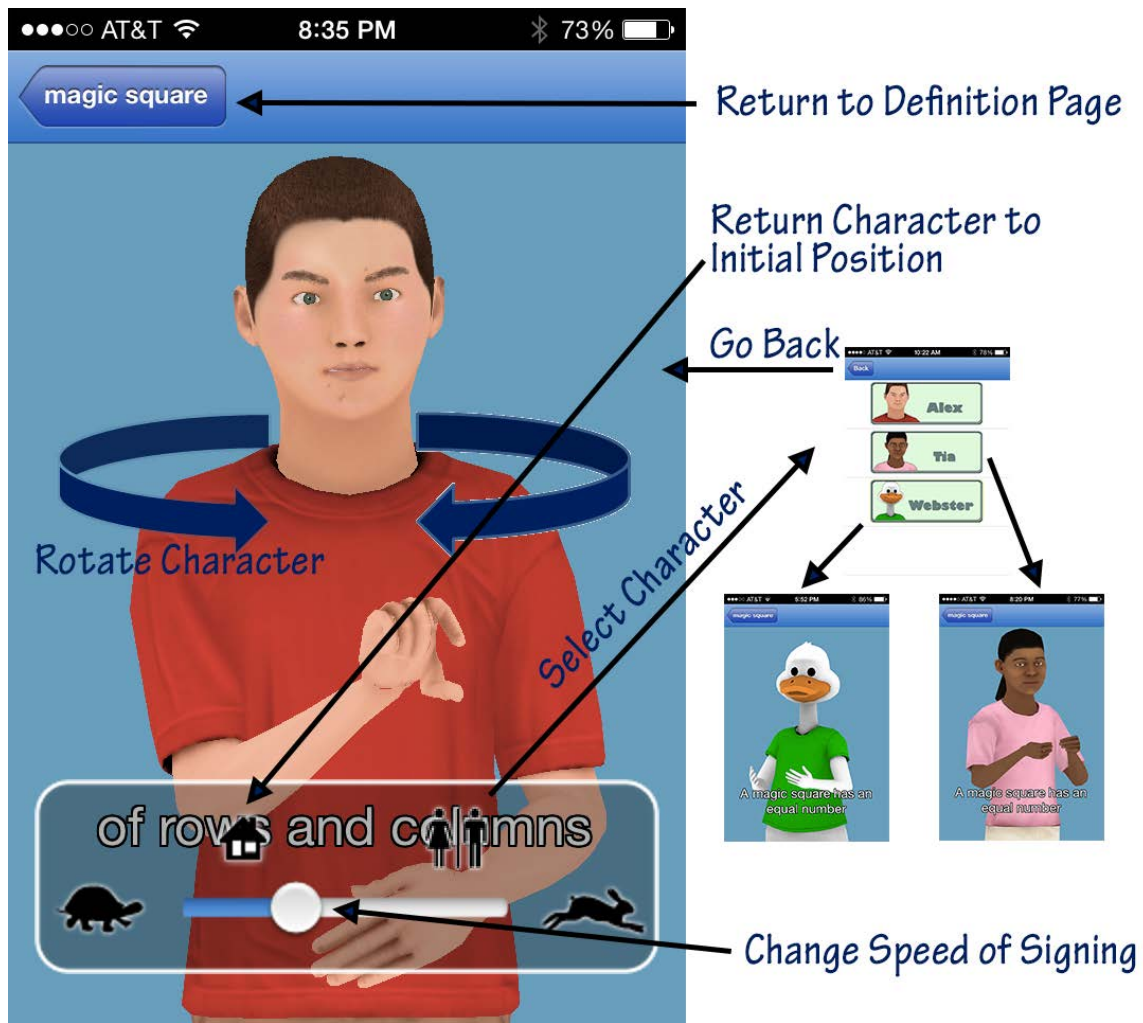
Signing Text in American Sign Language (ASL) or Signed English (SE)

For each section of text, you have the choice of seeing the SigningAvatar character sign in American Sign Language (ASL) or Signed English (SE). From the Definition Page:

- Tap an ASL Icon **ASL** to see the SigningAvatar character sign the text in American Sign Language.
- Tap an SE Icon **SE** to see the SigningAvatar character sign the text in Signed English.

The Definition Page will be replaced by the Signing Window shown below, where you will see one of three characters sign the term or definition you selected. Captions will be displayed below the signing character. If you drag one finger over the character, the character will rotate so that you can see the signing from other angles. You can also touch the screen with two


fingers and pinch, stretch, or drag your fingers to zoom out, zoom in, or move the character, respectively.



Personalizing the Signing Window

If you click in the signing window while a character is signing, an overlay will appear at the bottom of the screen that includes three controls:




- Click the side-by-side icon of a male and female character  to bring up the Character Selector. You can then select Alex, Tia, or Webster to be your Avatar character.
- Click the “home” icon to return the character to its original position in the window.
- Slide the speed control between the images of the turtle and rabbit will slow down or speed up the signing.

Seeing an Illustration of a Definition

From the Signing Window, you can click the button at the top left corner of the window to return to the Definition Page.



Tap the Illustration Icon  and a picture that is a visual view of the definition will appear.

To close a picture, click on the illustration box.

Signing Individual Terms within a Definition

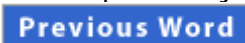
You can select a word in a definition and the SigningAvatar character will sign that word.

Below many definitions, you will find a list of terms within the definition that are included in the MSMP. Tapping on these terms takes you to its Definition Page.

Going to Definition Pages for Terms Within a Definition

If you select a term from the list that appears below the definition, you'll be taken to the Definition Page for that term. Tapping the Previous Word Icon takes you back to the page you were viewing.

Revisiting Terms

As you look up terms, you'll notice a Previous Word Icon appears at the bottom of the Definition Page . Tapping this icon takes you back to the Definition Page for the term you last viewed.