

Legend

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| --- | --- |
| **Action** | **Description** |
| Select | Point and click or press enter |
| Navigate | Press first letter, Press space or backspace, press space+ dot 4 or dot 1, d-Pad, point and click |
| Type | enter text |
| Enter | Press dot 8 |
| Backspace | Press dot 7 |
| Return to main menu | Round button on front of Monarch, space+ dots 1,2,3,4,5,6 |

# Tactile Viewer Activities

## Objectives

1. Select the APH TGIL and search for a tactile graphic.
2. Save a tactile graphic from the APH TGIL to a USB drive.
3. Select tactile graphics from a USB drive and from Monarch’s sample files.
4. Navigate tactile graphics using keyboard shortcuts.
5. Adjust the detail level in a tactile graphic.
6. Add a bookmark to a tactile graphic.

## Accessing the APH TGIL and searching for tactile graphics

1. Navigate to Tactile Viewer.
2. Select the Tactile Viewer menu.
3. Navigate to APH TGIL.
4. Select this option.
5. If Wi-Fi is connected, a search field and a list of categories will appear on the display.
6. Select the Search option.
7. The words: “Search What?” and an edit box will appear.
8. Type “Mars” and press Enter.
9. A list of choices will be displayed. Select “Interior of Mars.”
10. This tactile graphic now appears on the Monarch.
11. You can use these steps to search for any tactile graphic. You can also browse categories by navigating to the category you are interested in and selecting it.

## Saving a Tactile graphic from the TGIL to a USB Drive

1. Use the tactile graphic you selected in the previous activity.
2. If you have gone back to the main menu, you can navigate to APH TGIL, and you will be placed back in the tactile graphic.
3. Use space+ S to begin saving the tactile graphic.
4. An edit box with the name of the tactile graphic will appear. You can keep this name or change it.
5. Use space+ D to open the list of drives.
6. Navigate to your USB drive and select it.
7. Select the folder where you wish to save the file.
8. Navigate to the Save button and select it.

## Opening a Tactile Graphic from a USB drive

1. If you have just completed the previous activity, you will reach the “interior of Mars” tactile graphic when you open Tactile Viewer. Use space+ E or the back button to reach the Tactile Viewer menu.
2. Navigate to Open and select.
3. Use space+ D to open the drive list.
4. Navigate to your USB drive and select it.
5. Navigate to the folder where you saved the image and select it.
6. Navigate to the correct filename and select it.
7. The tactile graphic will now appear on your Monarch’s display.

## Opening a Tactile graphic from Monarch Sample Files

1. Navigate to Tactile Viewer and select it.
2. Select Open.
3. Use space+ D to open the drive list.
4. Navigate to Storage and select.
5. Navigate to the folder called Samples and select. Hint: Using first letter navigation works well here. A list of sample tactile graphic files appears.
6. Navigate to 50 states map and select.

## Tactile graphic Navigation Commands

Remember that all these commands can be accessed in the context menu.

|  |  |
| --- | --- |
| Action | Command |
| Zoom In | Raised plus key above keyboard |
| Zoom Out | Raised minus key above keyboard |
| Directional Arrows | D-Pad on left or right side of Monarch |
| Rotate Image | Space + R |
| Top Left of Image | Space +dot 1 |
| Top right of Image | Space +dot 4 |
| Middle Left of Image | Space + dot 2 |
| Middle right of Image | Space + dot 5 |
| Bottom Left of Image | Space + dot 3 |
| Bottom Right of Image | Space + dot 6 |
| Top Center of Image | Space + dots 1,4 |
| Center of Image | Space + dots 2,5 |
| Bottom Center of Image | Space + dots 3,6 |
| Invert Braille | Space + dots 3,5 |
| Increase Detail Level | Space + dots 4,6 |
| Decrease Detail Level | Space +dots 1,3 |
| Default Detail Level | Space + dots 1,4,5 |

## Bookmarking In a Tactile Graphic

1. Open the 50 states map file from Sample files.
2. Zoom in to open a view of the map and navigate to a state, for example, CA.
3. Point and click to select CA.
4. Please note that no message or cursor will appear.
5. Use backspace+ M to add a bookmark.
6. An edit box will appear, and you can type a name for your bookmark.
7. Zoom out on the map to show a condensed view.
8. Use backspace+ J to jump to your bookmark.
9. An edit box will appear, and you can type its name.
10. The map will then open with your bookmarked state in focus.