



ViewSpace

Video Kiosk and Interactives Setup Guides

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Introducing ViewSpace's Products

In order to navigate this guide, you must first understand the types of content and resources ViewSpace provides, including:

ViewSpace Product	Description	How to get started
Videos	ViewSpace currently offers hundreds of videos covering a wide range of Earth and space science topics highlighting the latest news and discoveries from NASA, ranging from the “Life and Death of Stars” to “Extreme physics and phenomena.” ViewSpace videos feature stunning images from space telescopes and Earth-observing satellites, visualizations, and captions to help guide the narrative. Ambience music can also be turned on or off.	To view a single video on a particular topic, use the main navigation on ViewSpace.org to go to Videos , and then Video Library (https://viewspace.org/video_library). From there, you can use the Sort feature to filter videos alphabetically, by length, or by publication date, or you can use the Search Topics bar or the Popular Topics drop-down menu to filter videos by science topics covered.
Video Collections	Libraries, museums, science centers, and other informal learning venues can set up a monitor to play a continually updating set of either Earth, Space, or ViewSpace (both Earth and Space) Collection videos (collectively referred to as ViewSpace Video Collections). These Video Collections aim to engage visitors and inspire them to learn about the wonders of our world and universe.	Review the “ Setting up ViewSpace Video Collections as a Kiosk (Exhibit) ” section of this setup guide.
Interactives	ViewSpace interactives enable users to explore NASA data in greater detail and at their own pace using touchscreens or computer controls, by allowing them to fade between and compare multiple images, parts of the same image, graphs, and/or diagrams. Interactives lead users through scientific stories by illustrating how objects change over time, are positioned in relation to one another, and/or how observing space in different wavelengths of light reveals unique details and phenomena.	To explore individual ViewSpace interactives , use the main navigation on ViewSpace.org to go to Interactives , and then About the Interactives (https://viewspace.org/interactives/unveiling_invisible_universe). Scroll down to the Start Exploring section to browse interactives by topic.
Interactives Web App	ViewSpace’s free Interactives Web App provides direct access to the complete library of ViewSpace interactives from a mobile device’s home screen or a computer desktop, and can be locked to prevent users from navigating away from the library to access other sites, apps, or functionalities. This makes the Web App ideal for use as an interactive kiosk or for use during informal education programs and activities.	Review the “ Installing the ViewSpace Interactives Web App ” section in this guide for written instructions detailing how to download and secure the web app for public display on desktop and mobile devices. If you’d prefer, you can also view our ViewSpace Interactives Tutorial to learn step-by-step how to set up and use the Interactives Web App.

Setting up ViewSpace Video Collections as a Kiosk (Exhibit)

A. System Requirements

To display ViewSpace Video Collections properly, make sure you have all of the following:

- An internet-connected device (e.g., a tablet, desktop or laptop computer, etc.) to display videos
- Reliable internet access that supports streaming video
- A modern web browser (e.g., Microsoft Edge, Google Chrome, or Safari)
 - Note:** In this guide we present one way of setting up ViewSpace as a kiosk or exhibit utilizing Microsoft Edge on a computer running Windows 10 Pro (instructions are similar for equivalent versions of Windows) [See **Section G** below]. Please note that this is not required to use ViewSpace and is one method of setting up a ViewSpace kiosk.
- **Optional:** An external display (e.g., monitor or projector) to show ViewSpace videos on a larger screen while securing the internet-connected device streaming the videos

B. Receiving an Invitation

To access the ViewSpace Video Collections, you will need to be invited into the system after requesting an account. The invitation will arrive in the form of an e-mail from ViewSpace Support (support@viewspace.org). To receive an invitation:

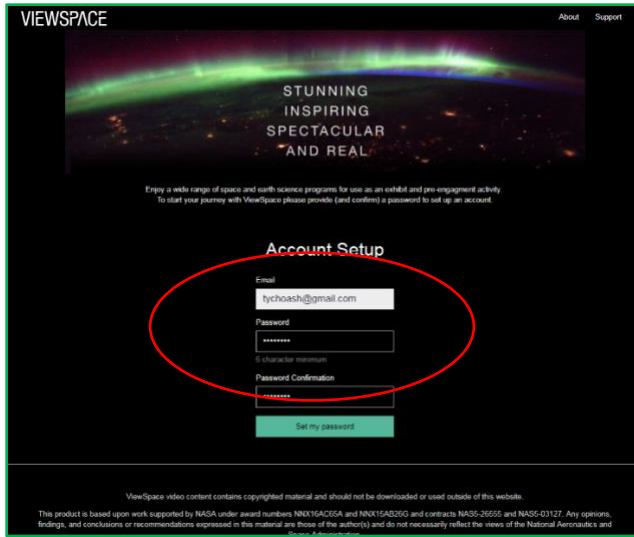
- Go to **Videos**, then **Video Collections** (<https://viewspace.org/playlists/featured>) and click on **Request Account**. From there, you'll be asked to enter your Contact name and Title, as well as your Organization name, Email, Zip Code, and Type (e.g., museum, science center, library, etc.).
- Once you click **Submit Account Request**, you should hear back from the team within seven business days.
- If you are expecting an e-mail but have not yet received it, check your junk or spam folders.
- If you still have not been sent an invitation after seven business days, please contact ViewSpace Support (support@viewspace.org).

C. Preparing for Installation

- Make sure the operating system of the computer, tablet, or other device you plan to use is up to date.
- Place your device in a location where you will be comfortable working on it.
- Make sure you have reliable internet access.
- Access your e-mail invitation from ViewSpace Support.

D. Signing Up

1. Open the **Accept Invitation link** in the e-mail from ViewSpace Support. This will take you to the Account Setup page.
2. **Register** by creating a password of your choice.

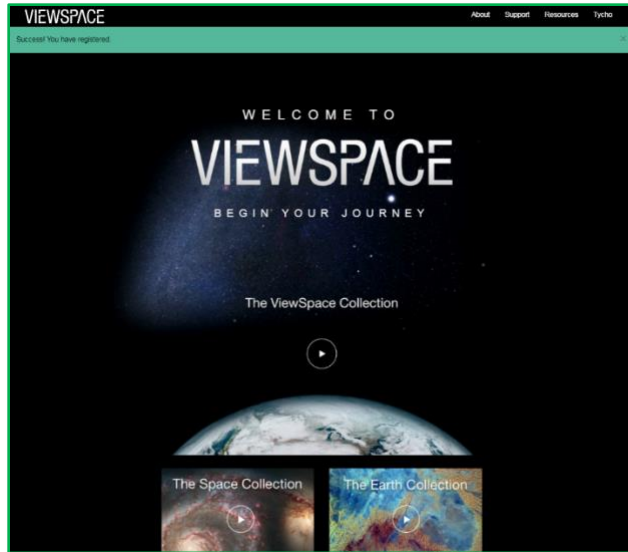


Note: The e-mail shown on the Account Setup page is the e-mail that your invitation was sent to. If you want to register under a different e-mail, please contact ViewSpace Support through support@viewspace.org.

3. Complete your **User Profile**.

Note: If not all the required fields are completed, you will be prompted to fill them in. Don't forget to read and accept the [terms and conditions](#).

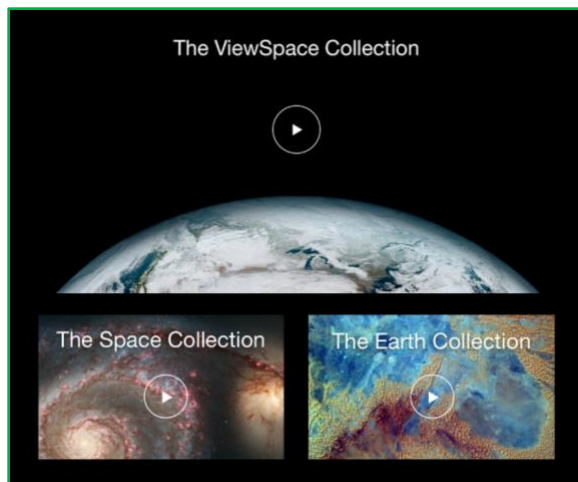
4. Once you have submitted the form, your name should appear at the top of the screen. You are now free to use ViewSpace with your new username and password.



E. Opening a Video Collection

Once you have registered, you can access the ViewSpace Video Collections via any internet-connected device.

1. Navigate to <https://viewspace.org>.
2. Enter your **username** and **password**.
3. Choose from one of three playlists by clicking on the respective image (doing so will begin playing that collection of videos):
 - **The ViewSpace Collection** plays all Earth and Space videos
 - **The Space Collection** plays videos focused on the Solar System, galaxy, and universe beyond Earth
 - **The Earth Collection** plays videos focused on Earth



F. Controlling the Video

Once you have signed up and logged in to ViewSpace, you can control the video while it is playing, using the keys indicated in the following table.

To	Press
Pause/play	Left click on your mouse or touchpad
Skip to the next video	Right arrow →
Toggle between full-screen and windowed view	f
Toggle mute on and off	m
Show Help	?

To view specific videos, exit the Collections and go to the **Video Library**.

G. Auto-play for Public Display

You can configure a ViewSpace Video Collection to play automatically (Kiosk Mode) whenever your device restarts, eliminating the need for logging in. This ensures continued, seamless operation of ViewSpace as a video kiosk or exhibit.

- **Note:** Skipping this step won't hinder ViewSpace's functionality, but you'll need to restart the Video Collection manually each time your device restarts.

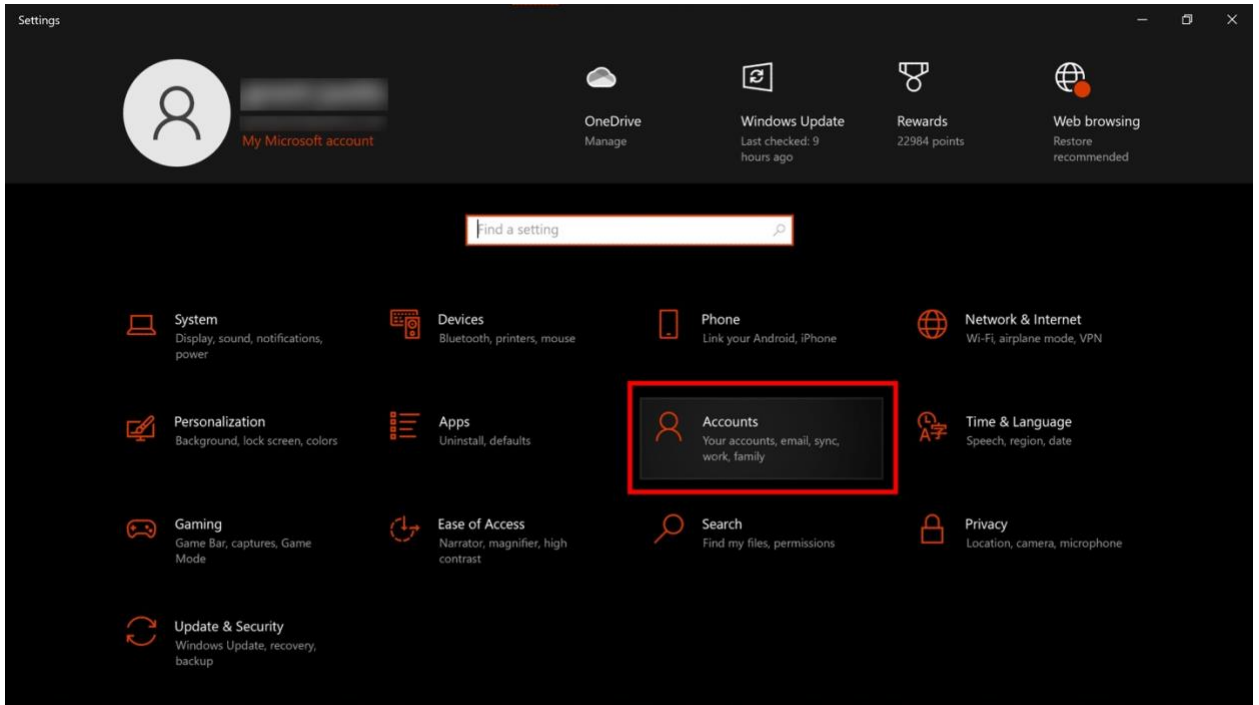
Setting up Kiosk Mode allows you to display ViewSpace videos without exposing any personal or institutional data. Additionally, you can set a required pin that must be entered for navigating away from the kiosk, thus restricting access to other pages, applications, and settings on your device.

The instructions below will walk you through how to set up Kiosk Mode using Microsoft Edge on a computer running Windows 10 Pro, but ViewSpace is compatible with various hardware and software configurations. Our team provides user support for Microsoft Edge on Windows 10 or 11 Enterprise, 10 or 11 Education, and 10 or 11 Pro, unless account access is restricted by your organization.

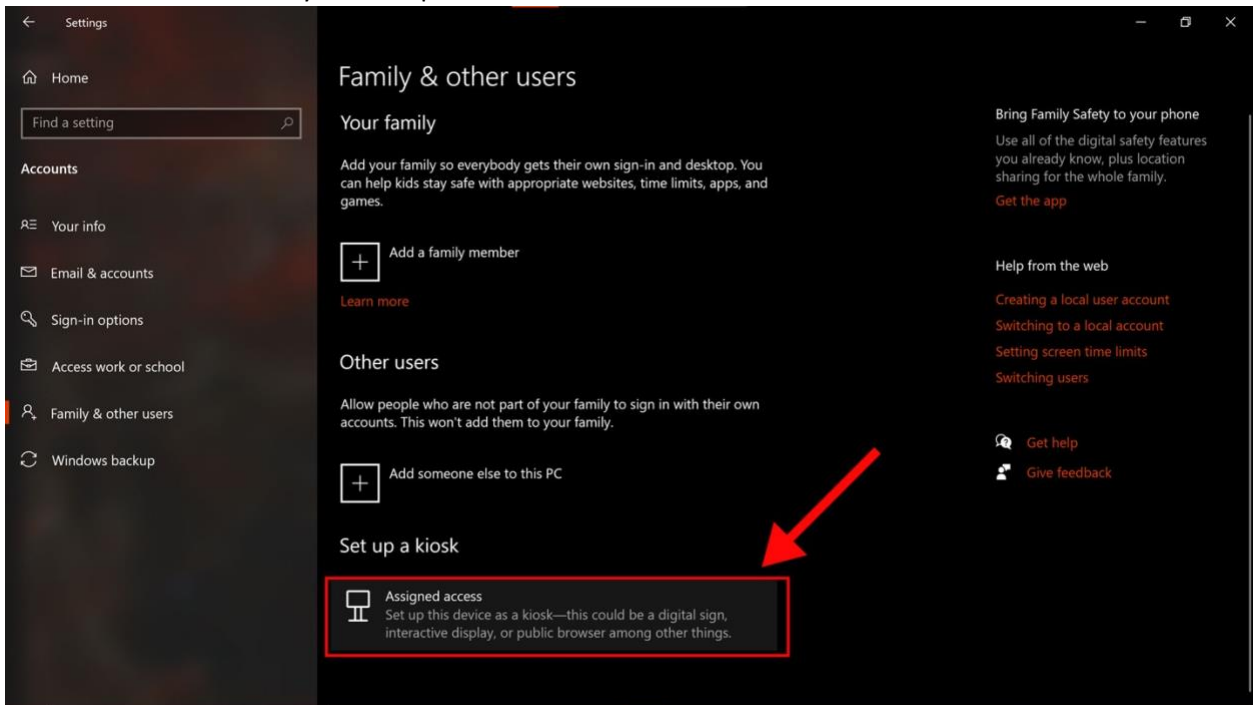
- **Note:** On **Step C** (below), if you don't see an "Other users" or "Family & other users" account, please contact your IT department for assistance to see if they can create an additional user profile.

Disclaimer: While we have provided instructions below for one method that we have tested and can support, we encourage users to experiment and use ViewSpace in a manner that works best for their organization. ViewSpace has been displayed in diverse configurations, ranging from planetarium projectors to mobile devices.

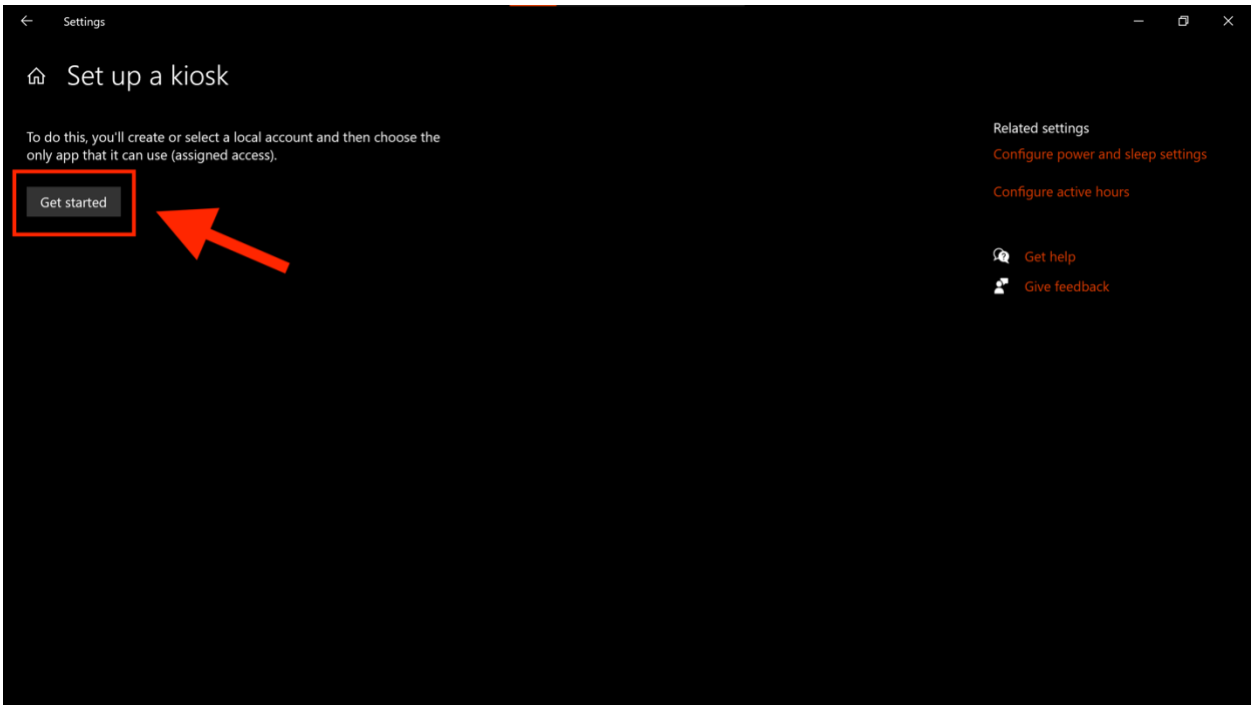
1. Set up Windows to act as a kiosk.
 - a. Open the **Settings** app on the **Start** menu.
 - b. Click on **Accounts** below.



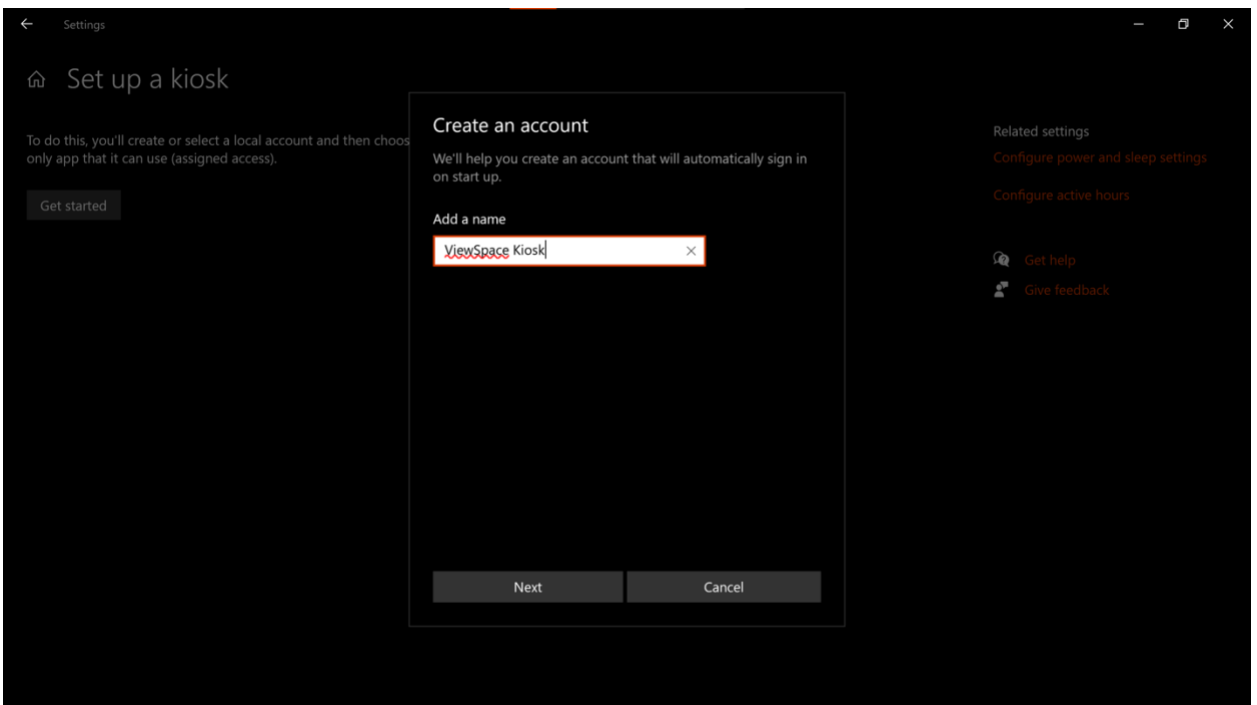
- c. Select **Other users** or **Family & other users**. Then click **Assigned access** under **Set up a kiosk**.
 - i. **Note:** If you don't see an "Other users" or "Family & other users" account, please reach out to your IT department.



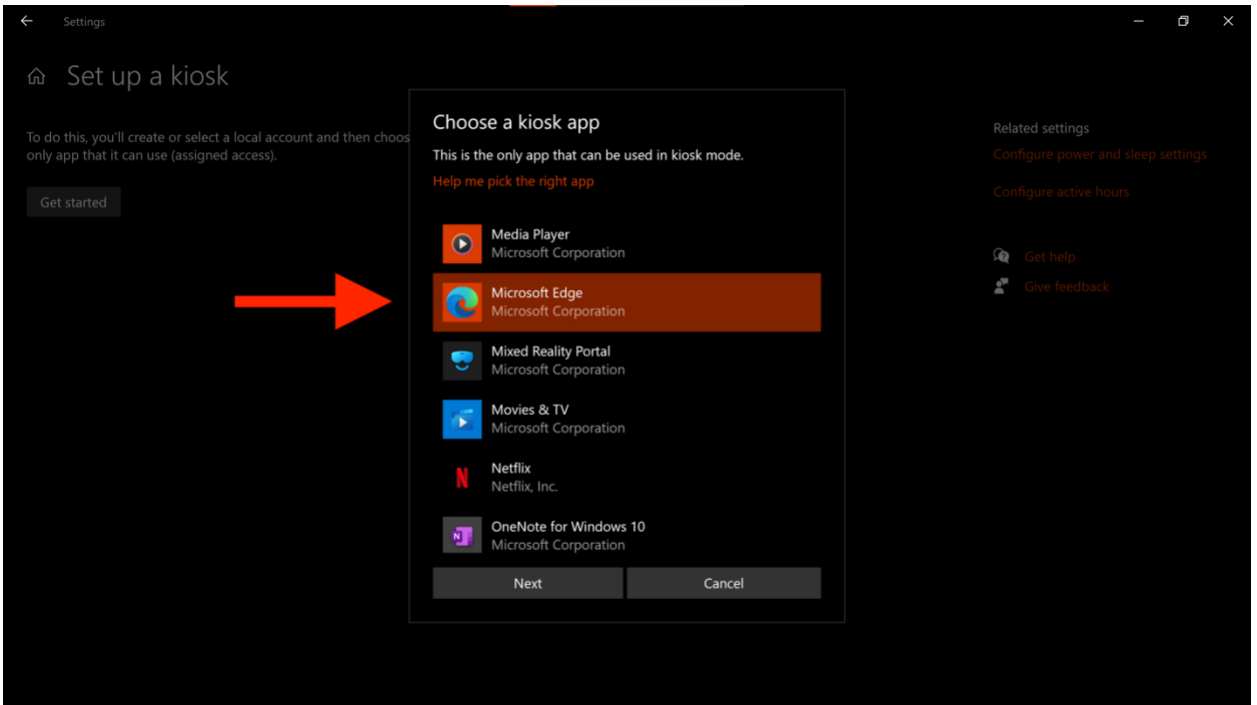
- d. Click **Get started**.



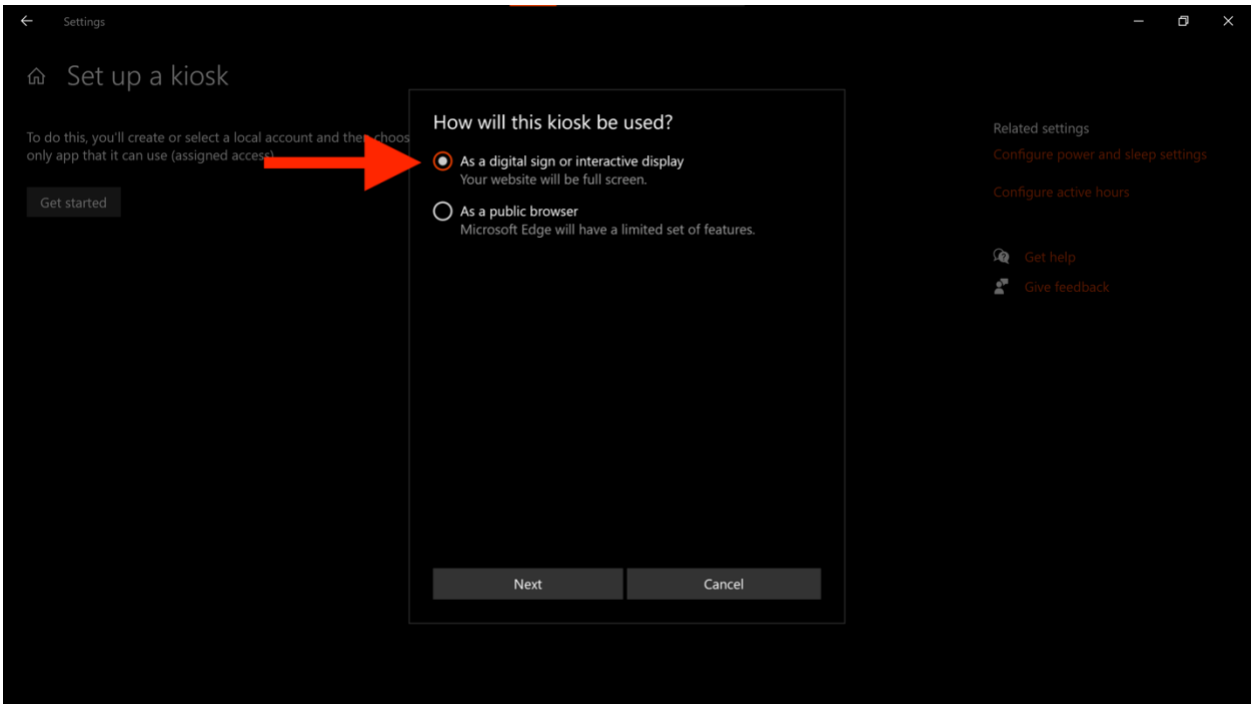
- e. Enter the name you wish this kiosk account to have in the **Add a name** text entry box, then click **Next** below.



- f. Choose what app you'd like to use to run ViewSpace (**Microsoft Edge** in this case).

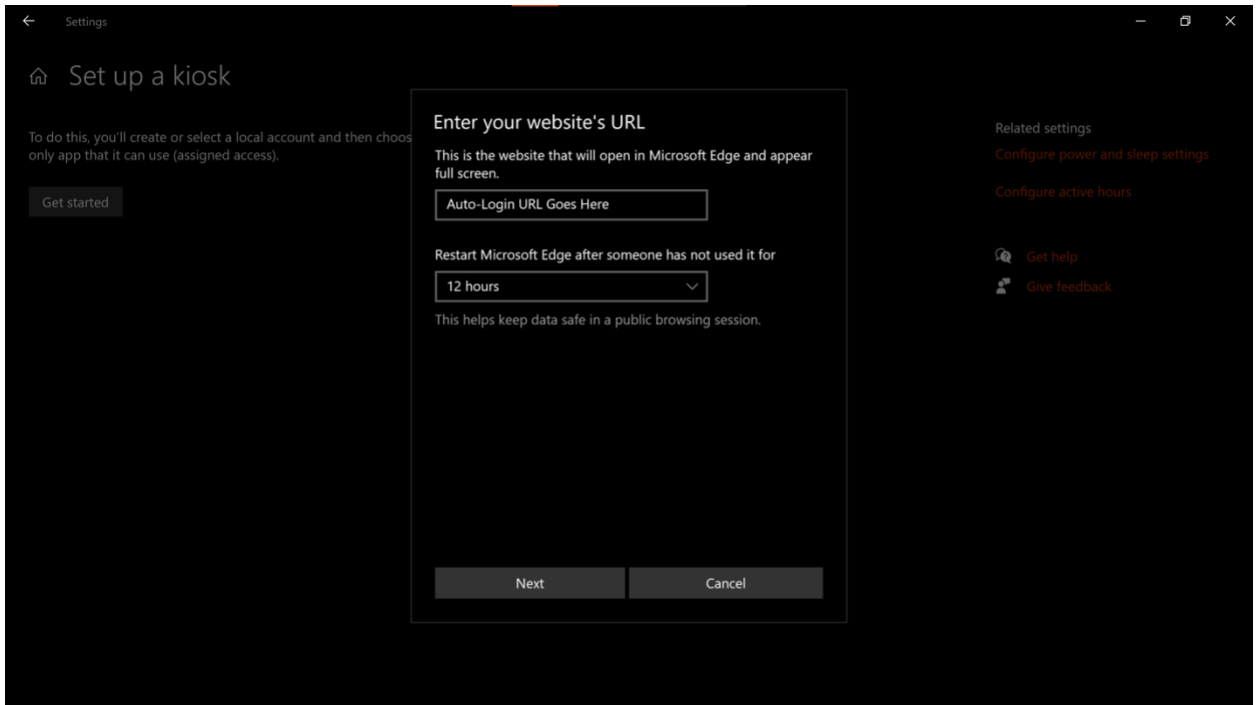


g. Select **As a digital sign or interactive display** under **How will this kiosk be used?**

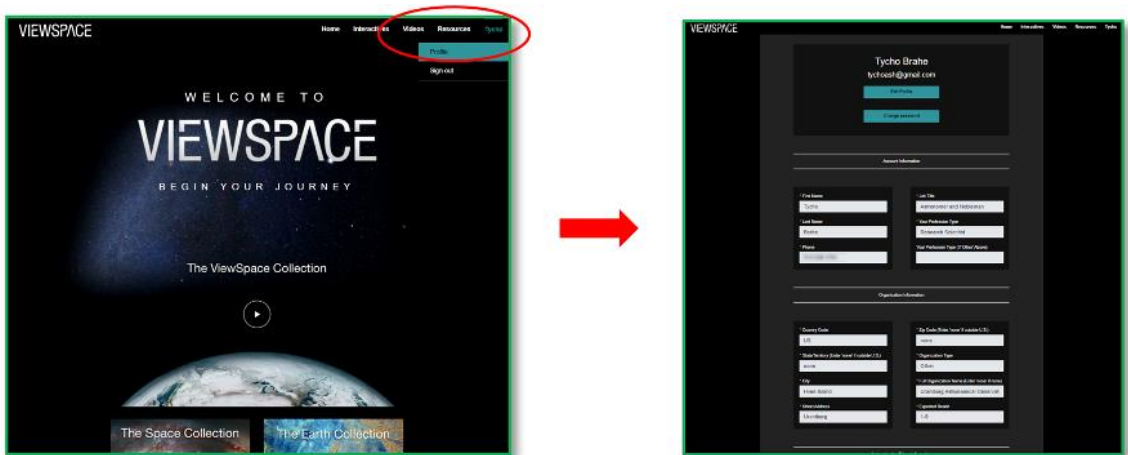


h. Change the **Restart Microsoft Edge after someone has not used it for** to “12 hours” using the drop-down menu. Click **Next** at the bottom.

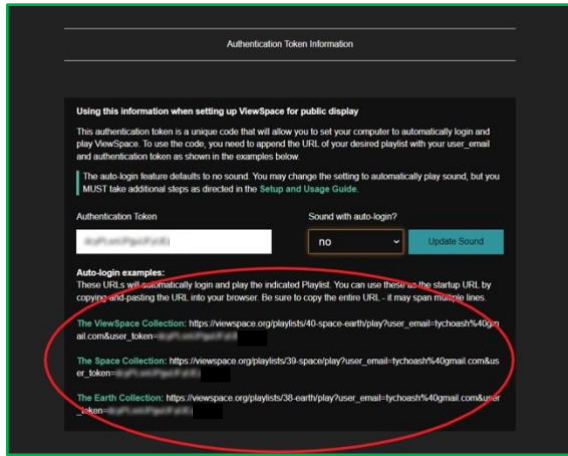
i. **Note:** Keep this page open. You will insert the auto-login URL into this page after completing Step 2 below.



2. Retrieve your auto-login URL.
 - a. Log in to **ViewSpace.org** (<https://viewspace.org>) with your username and password.
 - b. Go to your **User Profile** by clicking on your name (usually in the top right corner) or by going to <https://viewspace.org/profile>.



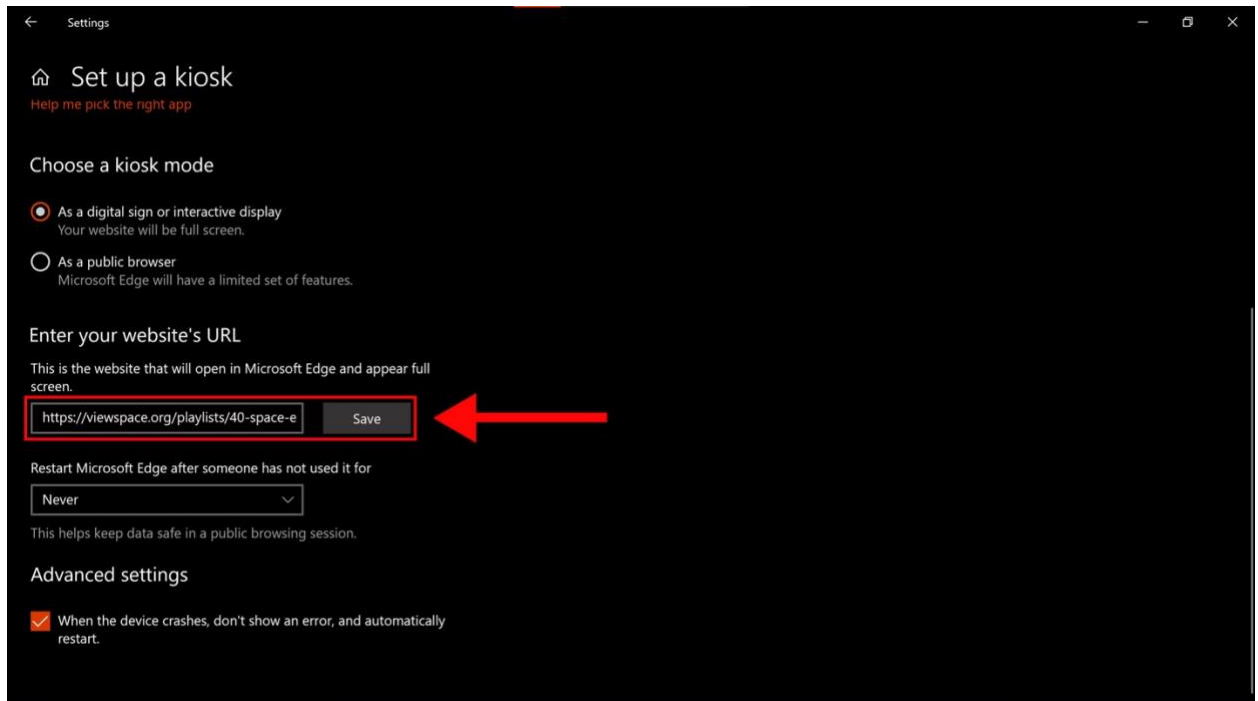
- c. Scroll down to the bottom of the profile page. Here you will find your **auto-login URLs**.



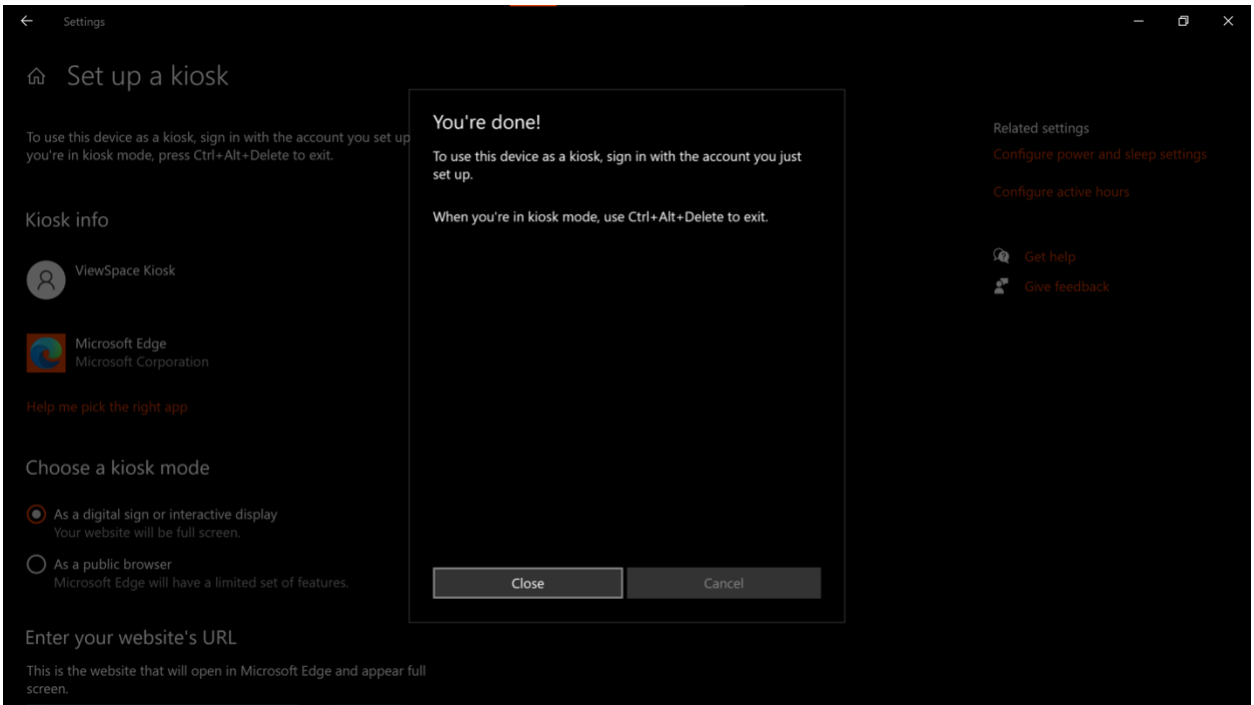
d. Copy the **auto-login URL** of the video collection that you want to view (either the ViewSpace Collection, Space Collection, or the Earth Collection). **Note:** This URL includes your authentication token and is unique to you.

3. Paste your auto-login URL.

a. Return to your **Set up a kiosk** page in the **Settings** app on the Windows Start Menu, and paste the auto-login URL you chose (either the ViewSpace Collection, Space Collection, or the Earth Collection) from your ViewSpace account into the box below **Enter your website's URL**. Click **Save**.

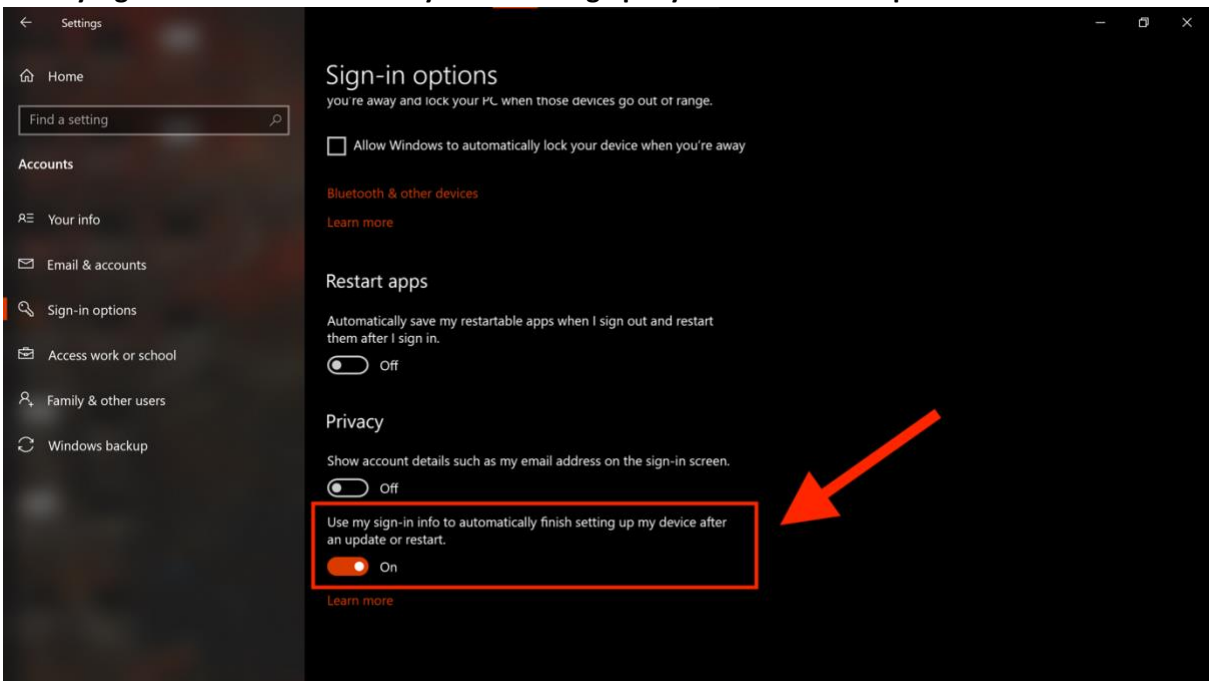


b. Once it says "You're done!" click **Close**. You are finished with this step.



4. Set up your kiosk to play ViewSpace automatically.

- a. By default, your device will automatically log in to the kiosk you just set up when powered on. If this is not desired, navigate to **Settings > Accounts > Sign-in options** and toggle off **Use my sign-in info to automatically finish setting up my device after an update or restart**.



Note: On the first launch, you may need to sign in. To avoid having to re-enter your username and password each time, choose **Save** when prompted to save your password.

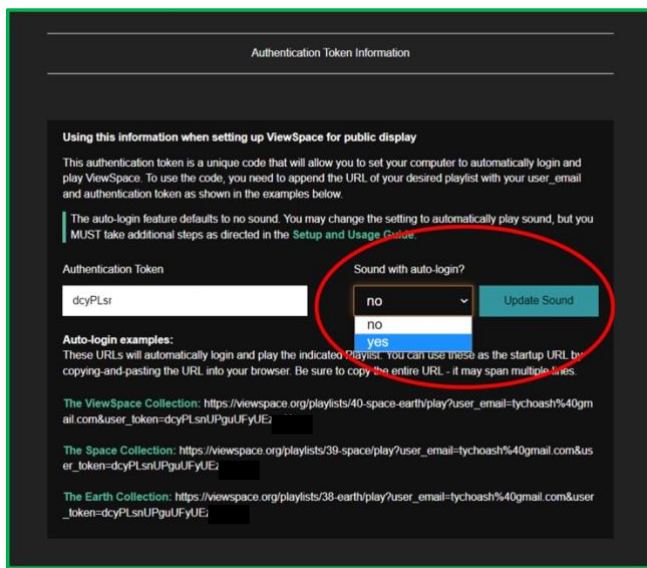
Recommendation: You will be prompted to set up a pin code to prevent users from navigating away from the ViewSpace kiosk. While this step is not required, it is highly recommended for any display setup that visitors can access. If you choose not to set up a pin code, we recommend keeping the keyboard or touchscreen in a location that is inaccessible to the public.

H. Enabling Sound in Auto-play

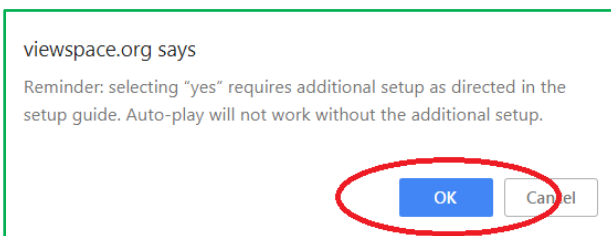
Every ViewSpace video is produced with background music. However, many browsers now do not permit videos to automatically play with sound. Because this functionality affects all videos, including those on ViewSpace, the default for ViewSpace auto-play is set for no sound.

To enable video sound during auto-play:

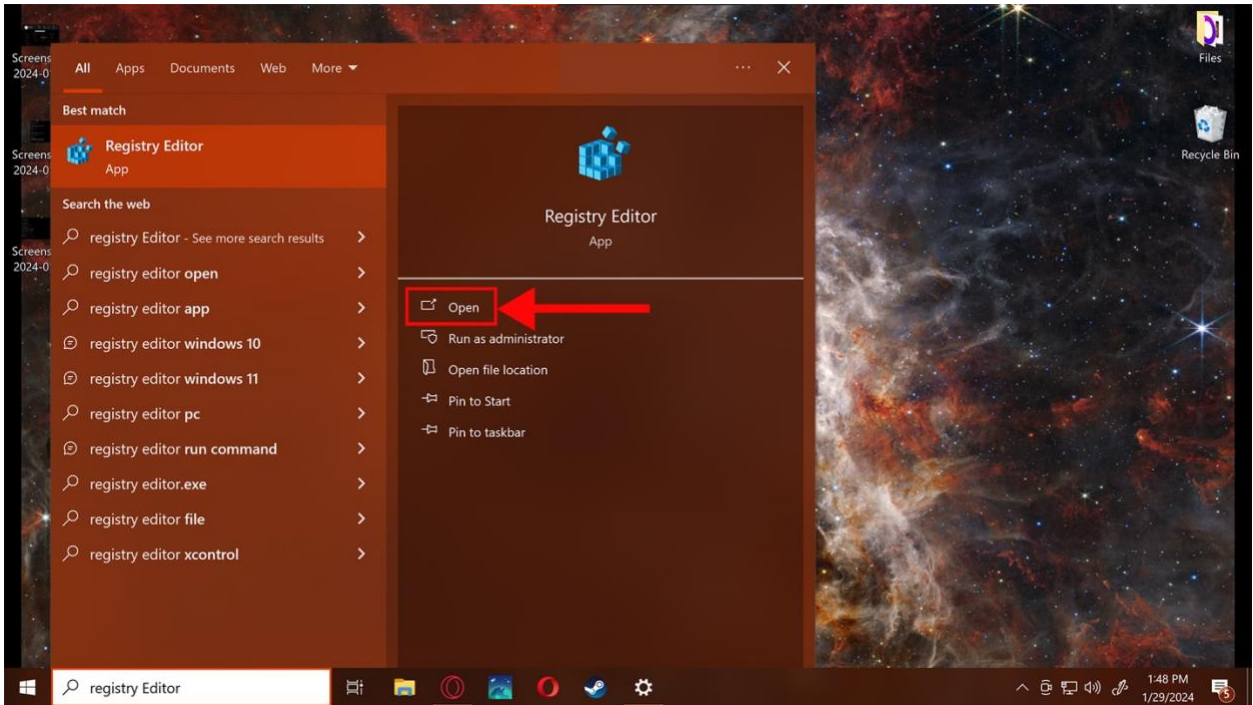
1. On your profile page (viewspace.org/profile), scroll down and set **Sound with auto-login?** to yes and click on **Update Sound**.



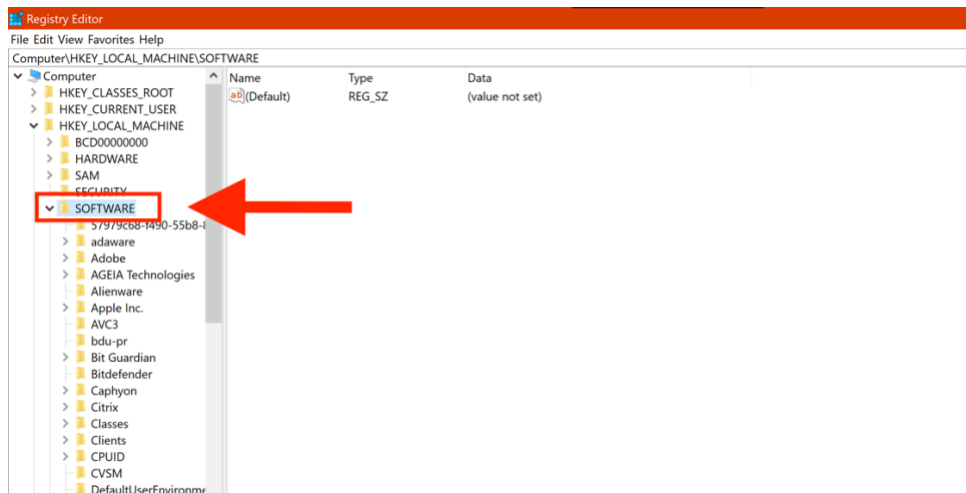
2. You'll get a pop-up reminder to view the Setup Guide. Click **OK**.



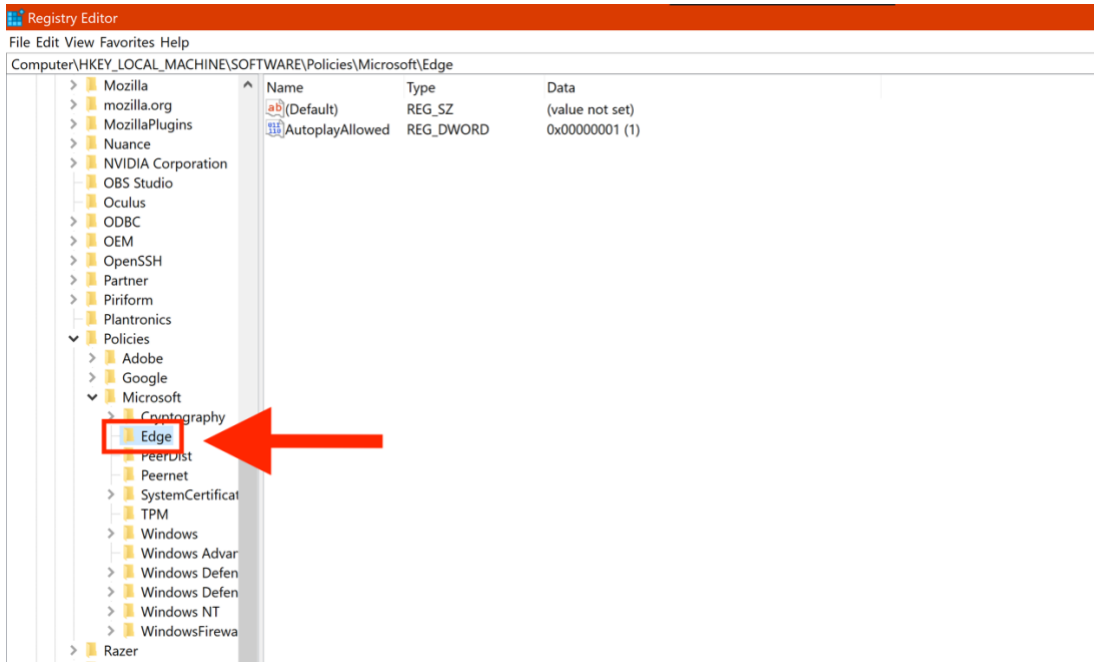
3. Open **Registry Editor** from the search box or your Windows app list.



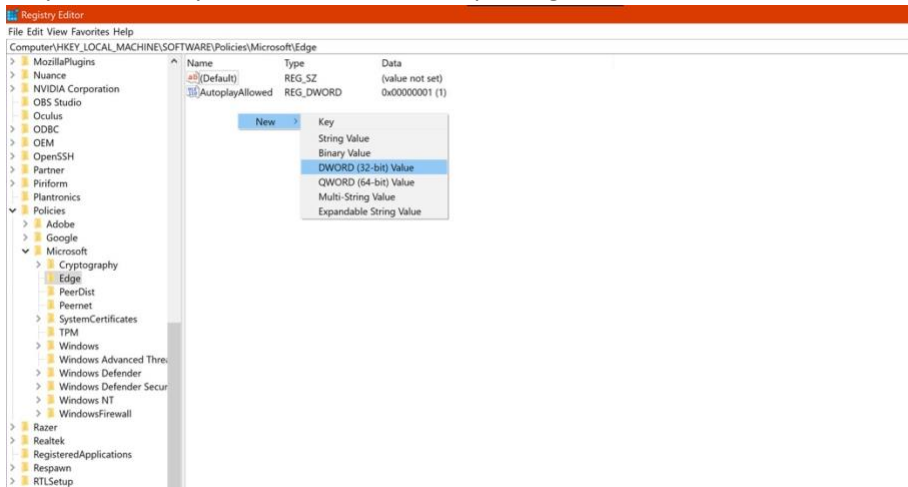
4. Click on **HKEY_LOCAL_MACHINE** (this is your computer) to expand the list, then expand the **Software** folder.



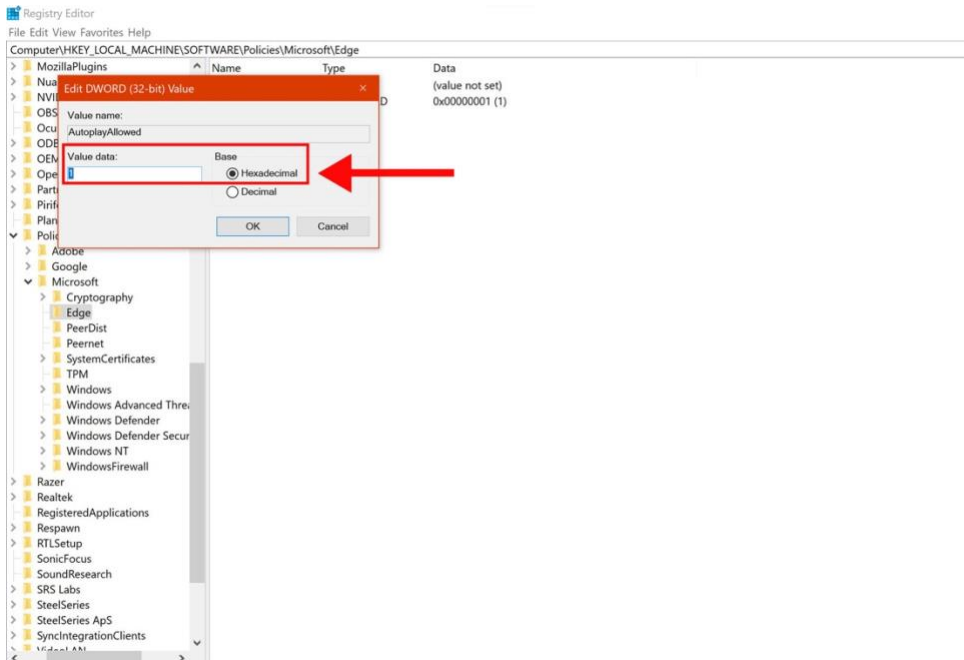
5. Navigate to **Policies > Microsoft > MicrosoftEdge** (or Edge).



- Right-click in the empty space below Default (or go to **Edit > New**), select **New**, and then select **DWORD (32-bit) Value** from the drop-down menu that appears. Name it “AutoplayAllowed” (no spaces between words). **Note:** Contact your IT department if you receive an error message, as it may mean that you do not have admin privileges.



- Right-click the **AutoplayAllowed** you just created and select **modify**, then set the value to “1.” Leave the Base as “Hexadecimal.” Click **OK**.



8. Test the new setup by restarting your computer. If ViewSpace starts playing with sound, success! If not, please review the steps listed above, ask your IT for support, or if that does not work, reach out to us directly at: support@viewspace.org.

Installing the ViewSpace Interactives Web App

ViewSpace's **free** Interactives Web App (hereafter referred to as "Web App") provides direct access to the complete library of ViewSpace interactives from a mobile device's home screen or a computer desktop, and can be locked using Guided Access (on iOS devices) or pinning (on Android devices) to prevent users from navigating away from the interactives to access other sites, apps, or functionalities, making the Web App ideal for use as an interactive kiosk or during informal education programs.

Note: The following instructions describe how to install the Web App using Google Chrome on a desktop computer (either Microsoft or iOS/Apple), Safari on an Apple (iOS) device, and Google Chrome on an Android device, respectively. However, ViewSpace may be compatible with many different types of hardware and software.

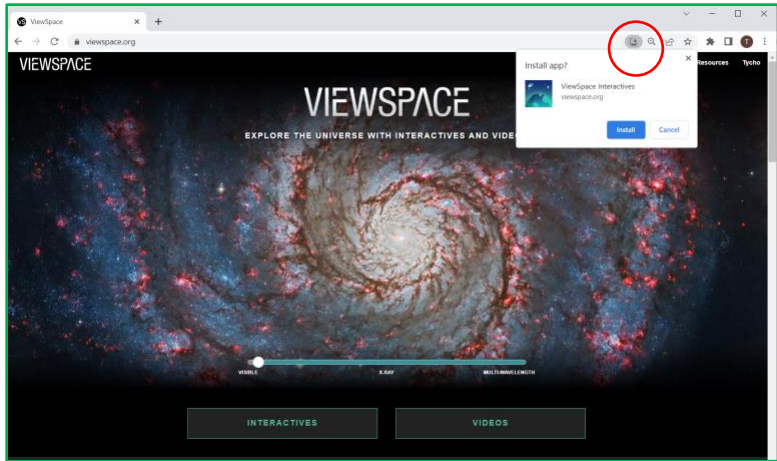
Tip: If you'd like to follow these instructions in a narrated video format, check out our [ViewSpace Interactives Tutorial](#) on YouTube.

A. Desktop Computer (using Google Chrome)

Installing the Web App on a Desktop

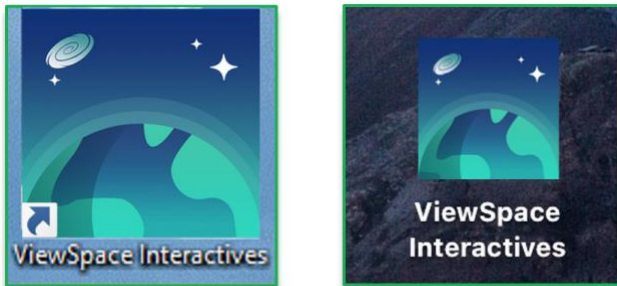
Note: The images in this section illustrate the steps for installing the Web App using Google Chrome on an iOS (Apple) desktop computer, however you can follow similar steps using Microsoft Edge.

1. Open Google Chrome and go to ViewSpace.org. At the top right of the address bar, click the **Install ViewSpace Interactives** button.

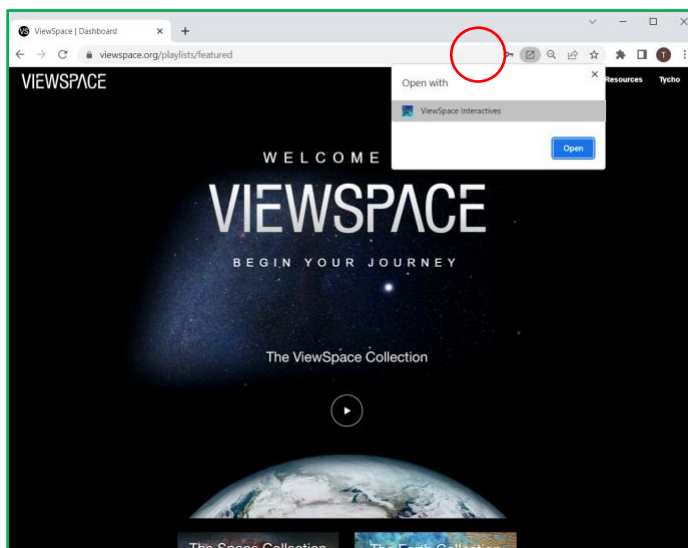


2. Click on **Install**.

- A shortcut to the Web App will appear on your desktop or in your Launchpad (Mac).



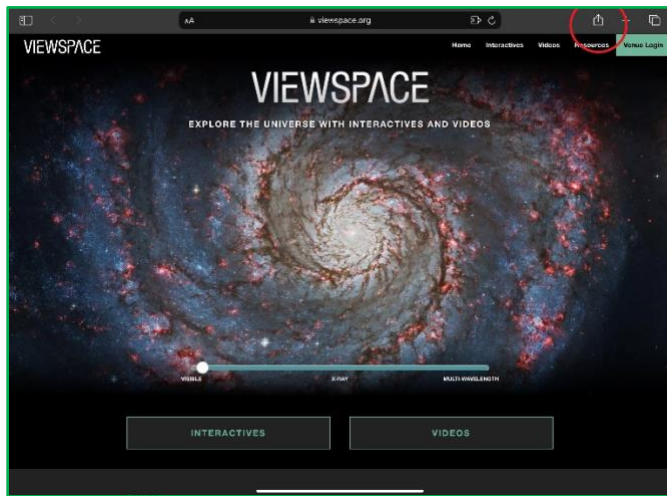
- In addition, the next time you access the website, the install button will be replaced with a link to open the Web App.



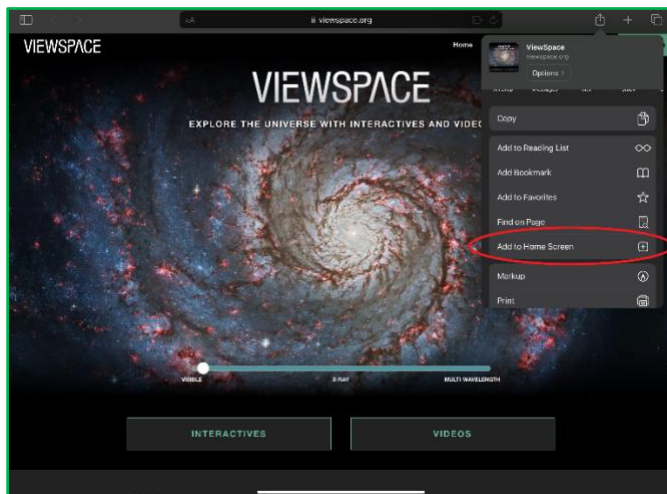
B. iOS Mobile Device (using Safari)

Installing the Web App on an iOS Mobile Device

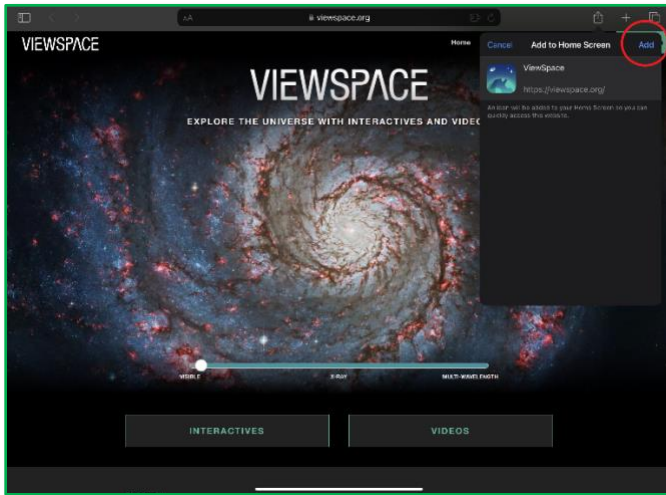
1. Open ViewSpace.org in Safari.
2. Click on the **share** icon, either on the top or bottom of the screen (this resembles a box with an arrow emerging from the top).



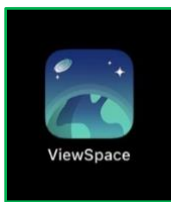
3. Choose the **Add to Home Screen** option.



4. Click **Add to Home Screen**. This will install the Web App to the device.

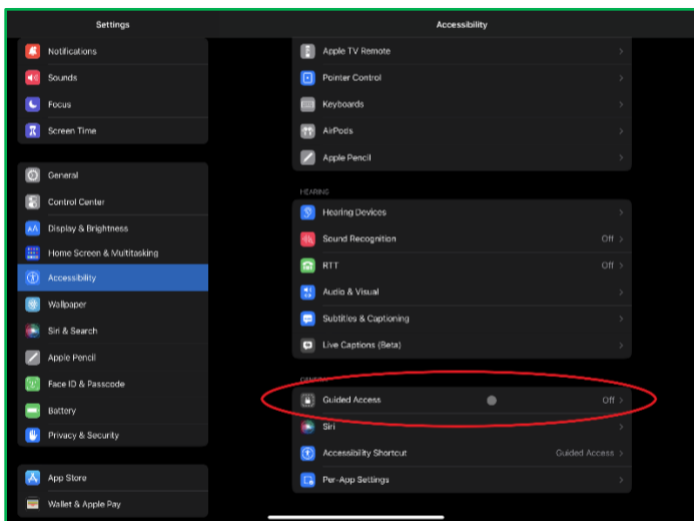


5. The ViewSpace Web App icon should now appear on your home or app screen.

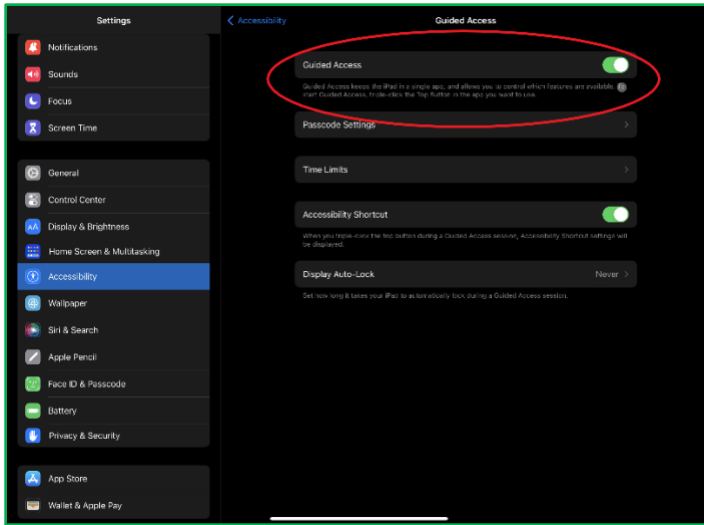


Securing the Web App on an iOS Mobile Device

1. To prevent users from navigating away from the Web App to other websites or applications when using your iOS device as an interactive kiosk or during programs, you can set up Guided Access. To do this, first open the **Accessibility** menu within **Settings**, and click on **Guided Access**.



2. Toggle on **Guided Access** and follow the instructions to set up a passcode. **Note:** Guided Access will apply to all of your apps, not just ViewSpace.



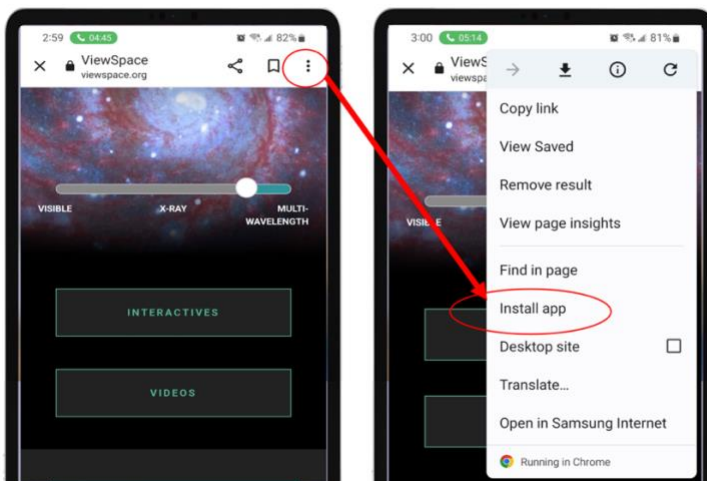
3. To turn off **Guided Access** on an iOS device, you can do any of the following:
 - a. Triple-click the side button or Home button on your device, and then enter the **Guided Access passcode** you created (see previous step).
 - b. On an iPad or iPhone with **Face ID** turned on, you can double-click the side button on your device, then use your Face ID to unlock the screen.
 - c. On an iPhone or iPad with **Touch ID** turned on, you can double-click the Home button, then unlock the screen with your fingerprint using Touch ID.

C. Android Mobile Device (using Google Chrome)

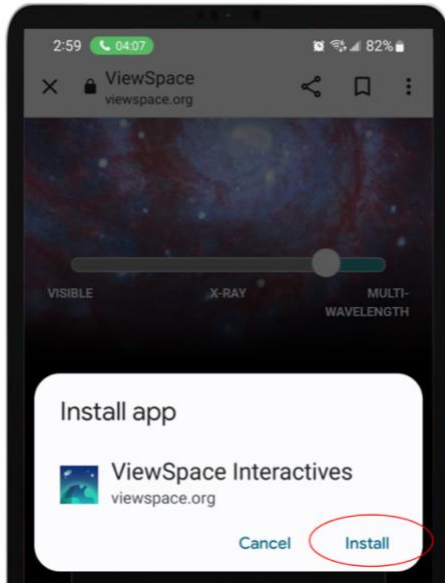
Note: The following instructions detail how to install the Web App on a Samsung Galaxy Tab S8 (hereafter referred to as "Samsung tablet") using Google Chrome, however it may also work using other browsers. Please note that not all Android devices may follow the same installation process.

Installing the Web App on an Android Mobile Device

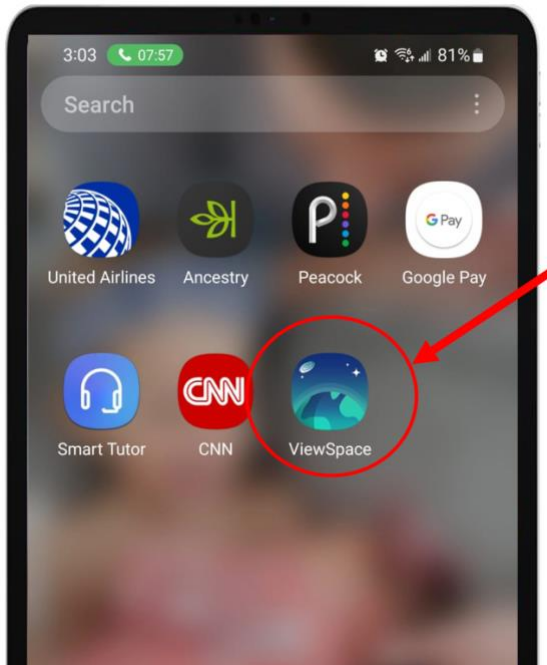
1. Open **ViewSpace.org** in Google Chrome.
2. Click on the three dots in the upper navigation bar. From the resulting drop-down menu, select **Install app**.



3. Click **Install**. A pop-up may appear that asks if you'd like to view the installed application.



4. The ViewSpace Web App icon should now appear on your home screen.

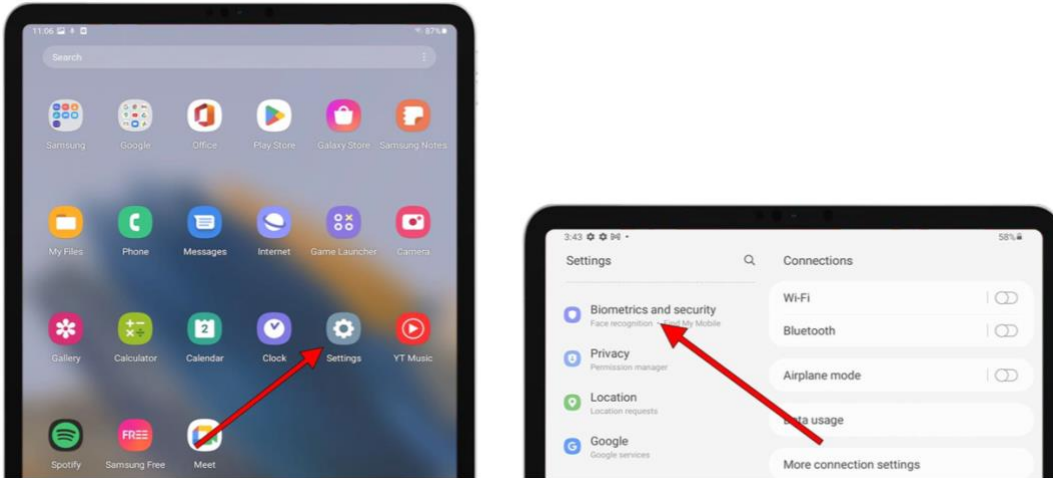


Securing the Web App on an Android Mobile Device

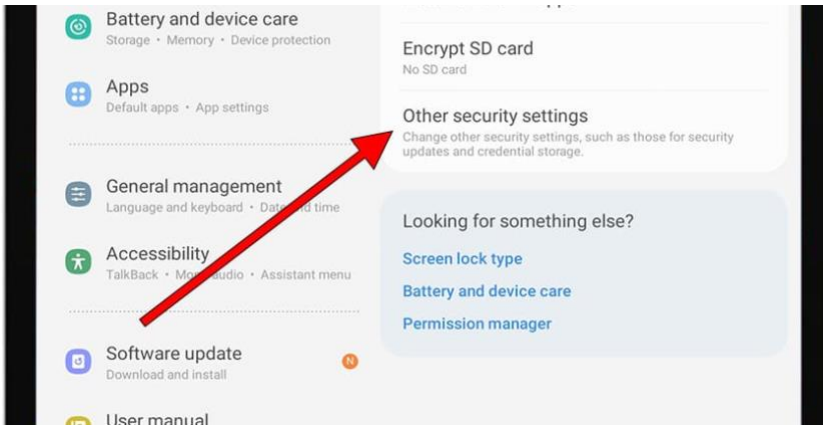
If you'd like to set up an Android mobile device for use during public programs or as an interactive kiosk, follow these instructions to pin the app so users can't navigate away from the ViewSpace Interactives.

Note: "Pin windows" is Samsung Galaxy Tab S8's version of Guided Access. Other manufacturers may have their own built-in version or may allow you to download third party applications that fulfil the same function.

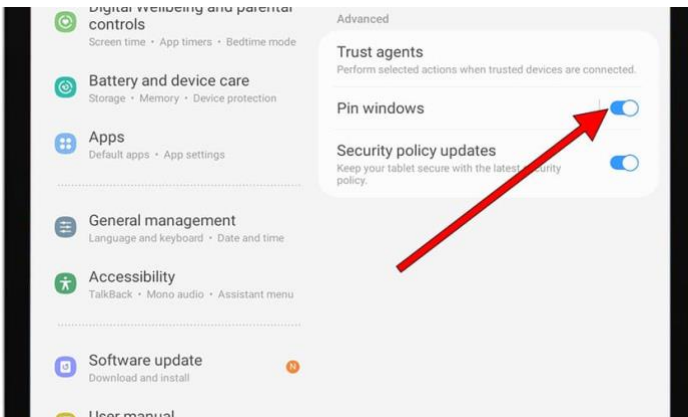
1. To enable “Pin windows,” first open **Settings**, and then click on the section called **Biometrics and security**.



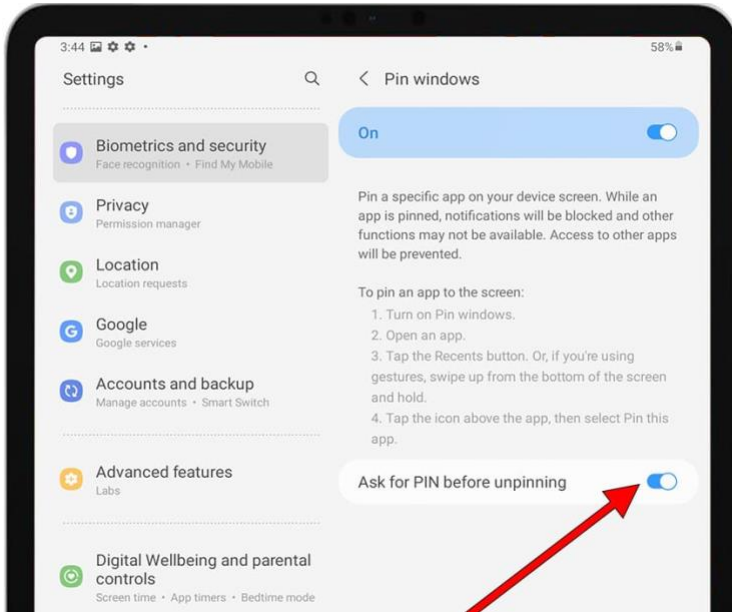
2. Click on **Other security settings** to access the second-level settings.



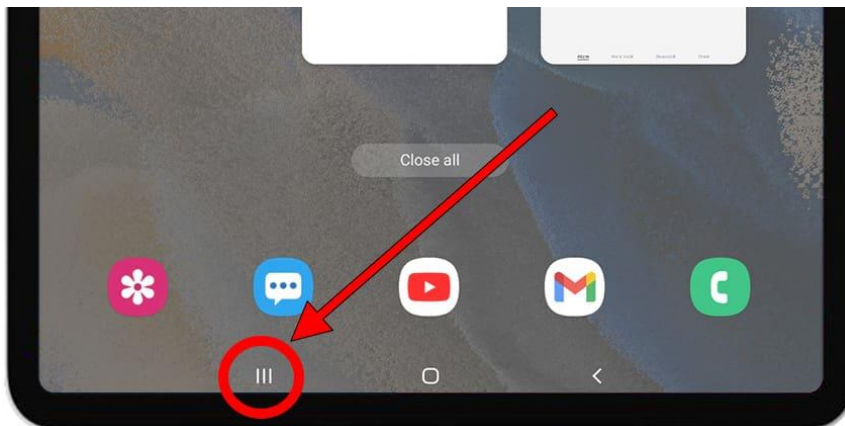
3. Scroll down until you find the **Pin windows** section, and click on the toggle to activate. Then, click on the text to define its additional settings.

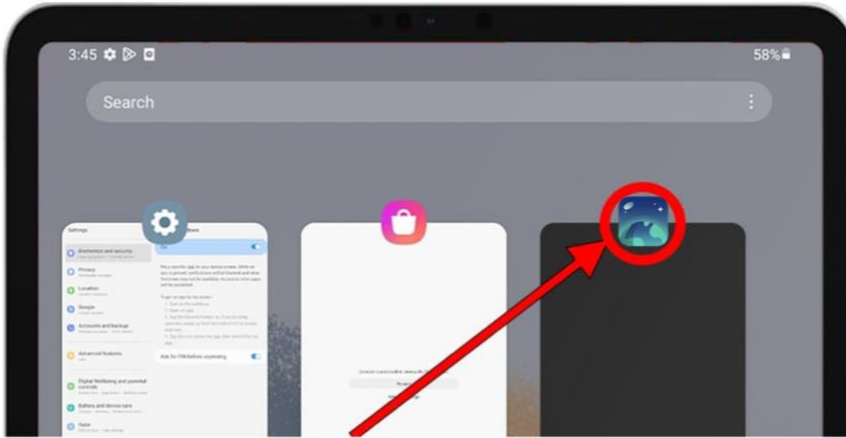


4. Follow the instructions to **create a PIN or Password** (if you don't have one already) to secure your device while displaying a pinned application.
5. Turn on the **Ask for PIN before unpinning** toggle to ensure that users cannot navigate away from the Web App once it has been pinned.

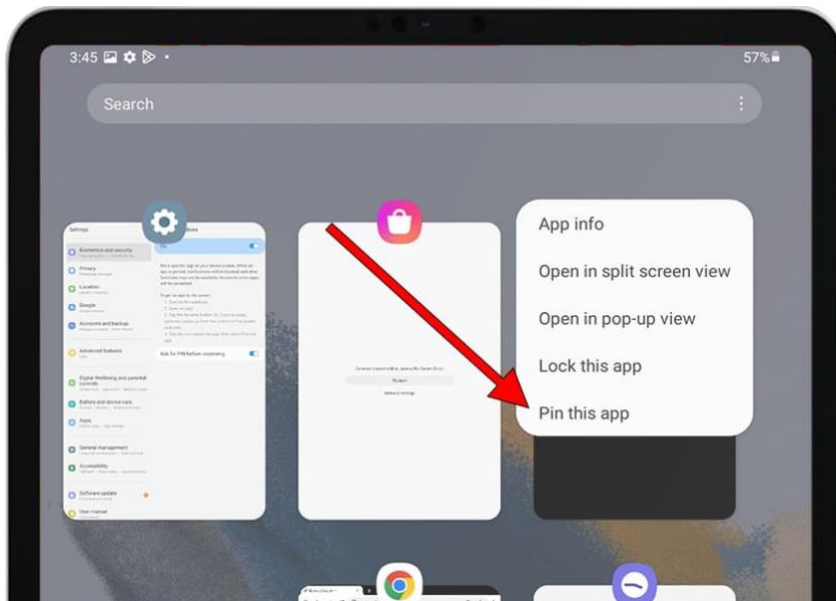


6. Using the navigation bar at the bottom of your home screen, click on the **Recents** button (resembles three vertical tally marks) to open your recently opened apps. From there, click on the ViewSpace Web App icon to display the drop-down menu of options.

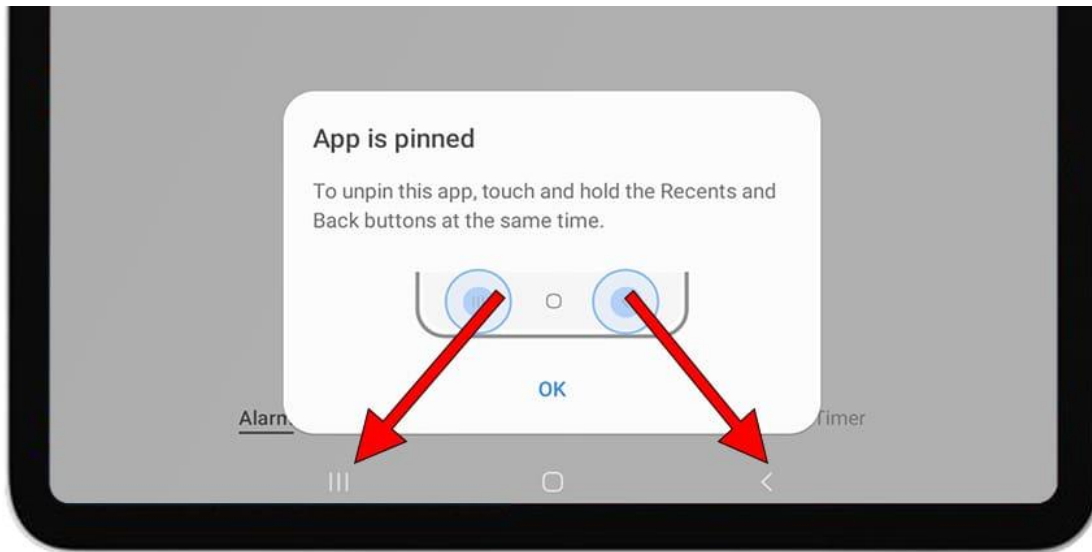




7. Select **Pin this app** from the drop-down menu. This will now pin the application or window on the Samsung tablet's screen.



8. With the Web App pinned on the screen, now those using the Samsung tablet will not be able to exit the interactives without knowing the unlock code or pattern that you have defined.
9. **To deactivate or stop pinning the Web App:** Press and hold the **back** (shown as an arrow pointing left) and **recent applications button** (shown as three vertical bars) at the same time (as shown in the image below).



Support and Contact Information

If you have trouble following any part of this document, cannot find answers to your questions within it, or wish to provide feedback, you can contact us directly at: support@viewspace.org.