

**Target Audience - Virginia Studies, Grade 4, 5**

**Time required – 15 minutes**

<b>Activity</b>	Explore English and Virginia Indian settlement patterns between 1607 – 1634.
<b>Virginia Standards of Learning</b>	<b>VS.3g</b> The student will demonstrate an understanding of the first permanent English settlement in America by describing the interactions between the English settlers and the native peoples.
<b>Learning Outcomes</b>	Students will be able to <ul style="list-style-type: none"> <li>Describe Jamestown's relative location at different scales (local, state, regional)</li> <li>Analyze the patterns and the effects of Virginia Indian and English colonist settlement between 1607 – 1634.</li> </ul>

**MAP URL:** [Virginia GeoInquiry/1](https://arcg.is/1TzqSa) <https://arcg.is/1TzqSa>

## Ask

### Where is Jamestown?

- ➔ Click the link above to launch the map and click on the river nearest Jamestown.
- ? Where is Jamestown at the local scale? (*near the Chesapeake Bay, along the James River*)
- ➔ Close the James River Pop-up. Click on Modify Map, and then click on Bookmarks, choose Jamestown – Virginia.
- ➔ In the Search bar, search for your school's city/town. (See *ToolTip* on the next page.)
- ? Where is Jamestown in relationship to your school's location? (*answers will vary, encourage use of cardinal directions, distance, etc.*)
- ➔ Click on Bookmarks, choose Jamestown – Atlantic and read the Map Note located near London, England.
- ? What is the relationship between Jamestown and England? (*It was founded by the Virginia Company of London and is named after James I of England.*)
- ? Where is Jamestown located in relationship to England (*across the Atlantic Ocean*)

## Acquire

### Who lived near the Chesapeake Bay in 1607?

- ➔ Click on Bookmarks and choose Virginia – Local.
- ➔ With the Details button underlined, click the button, Show Contents of Map. (Content). Turn on (check) the layer, Chesapeake Indian Settlements and click on various map features to explore where Virginia Indians lived during the early 17<sup>th</sup> century.
- ? Who lived in Virginia when the English arrived in 1607? Where did they live? (*thousands of Indians lived along the Chesapeake Bay, they lived on the coasts, along the rivers, and coastal areas*)
- ➔ Make a heat map. Click on the Chesapeake Indian Settlements layer. Click on Change Style > Heat Map > Done. (See *ToolTip*)
- ➔ What patterns do you notice when I change the map from points to heat map? (*a higher number of settlements between the James River, York River, and Rappahannock rivers*)



## Explore

### Why and where did John Smith place crosses?

- ➔ Read the Map Note in the Chesapeake Bay.
- ? Why do you think John Smith explored and mapped the Chesapeake Bay? (*to map the rivers, document who lived in Virginia, and to send reports back to England*)
- ➔ Turn on the layer, John Smith's Crosses. Then click on More Options > Zoom to layer.
- ? What relationship do you notice between John Smith's exploration and the Virginia Indian settlements? (*John Smith's journey followed the recorded Virginia settlements*)



## Analyze

### Where were English settlements in 1634?

- ➔ Turn on the layer, English Settlements, 1634 and Churches, 1634.
- ? Between 1607 – 1634, where did the English create settlements? What do these patterns suggest? (*colonists are spreading inland along the James River, lower Eastern Shore, and the lower York River; Churches demonstrate larger, more established places*)
- ? What is the relationship between English and Virginia Indian settlements? (*settlements overlap*) What questions does this raise? (*questions will vary; tie discussion to possible conflict and cooperation*)



## Act

### What is the relationship with Virginia today and Virginia 1634?

- ➔ Turn on layers, Virginia Places and Virginia Indian Reservations.
- ? What patterns do you notice? (*there are places and settlements all over Virginia today. There are reservations for Virginia Indians. These are located in eastern Virginia and Central Va.*)
- ➔ Jamestown – Virginia and turn on the layer Virginia Indians, Today.
- ? What is the relationship between Virginia today and Virginia 1634? What questions do you have? (*Answers will vary*)

### SEARCH BAR

- Click the search bar “find address or place”
- Type in your address or town.
- Press Enter.
- Use the Zoom out tool to see your location at different scales.

### HEAT MAP

- Click on the Contents tab.
- Hover over the layer you want to symbolize and choose Change Style.
- Click on Heat Map.
- Choose Done.

### Next Steps

**EXTEND LEARNING . . .** Complete the Jamestown and America's First Counties lesson from the *Jamestown to Appomattox, Mapping US History with GIS* book (Carte Diem Press).

**DID YOU KNOW?** ArcGIS Online is a mapping platform freely available to U.S. public, private, and home schools as a part of the White House ConnectED Initiative. A school subscription provides additional security, privacy, and content features. Learn more about ArcGIS Online and how to get a school subscription [at http://connected.esri.com](http://connected.esri.com).

### THEN TRY THIS . . .

- Use the Analysis tools, Proximity, Connect Origins to Destinations, to visualize the distance between Powhatan's town at Werowocomoco and the other Indian settlements.

Learn more about Virginia's people and places in the *Atlas of Virginia*, 3rd edition.

Send feedback to: [vageoinquiries@gmail.com](mailto:vageoinquiries@gmail.com)

Additional materials at <https://php/radford.edu/~vga>



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