

# Beyond Textbooks

Tammy McGraw, Ed.D.  
Virginia Department of Education



# Beyond Textbooks

- Supported with a grant from the Governor's Productivity Investment Fund
- Collaboration among VDOE, textbook publishers, content providers, and technology companies
- Developing cost-effective models that blend vetted, standards-based content of traditional textbooks with the engaging, dynamic, up-to-date resources of the Web

## The project aimed to understand

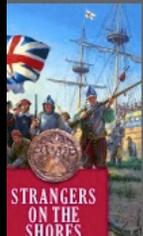
- The technical, social, and policy implications of replacing traditional textbooks with digital alternatives
- The conditions necessary for delivering high-quality instructional materials for a lower investment
- How digital instructional materials can be used most effectively to increase student engagement and educational outcomes
- How digital instructional materials can be used most effectively to improve teacher practice

# Early Jamestown

## 1606-1607 Off to Jamestown

52-53

On a brisk December day in 1606, the Virginia Company launched three tiny ships, the Susan Constant, Godspeed, and Discovery with 104 men and boys aboard, and set



### FAREWELL TO ENGLAND

...including Virginia, were sent to the New World...  

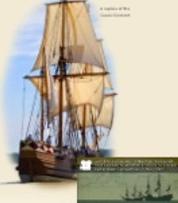

### The Last Colony

...the last colony...  

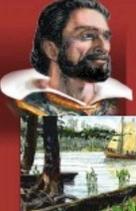

### Virginia's 3 Charters

...the three charters...  

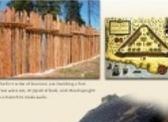

### OFF TO JAMESTOWN

...the first permanent English settlement...  


### Christopher Newport

...the first voyage...  


### Building a Fort

...the first fort...  


### A Difficult Voyage

...the difficult voyage...  


### Powhatan: Man of Strength

...the Powhatan...  


## Virginia's 3 Charters

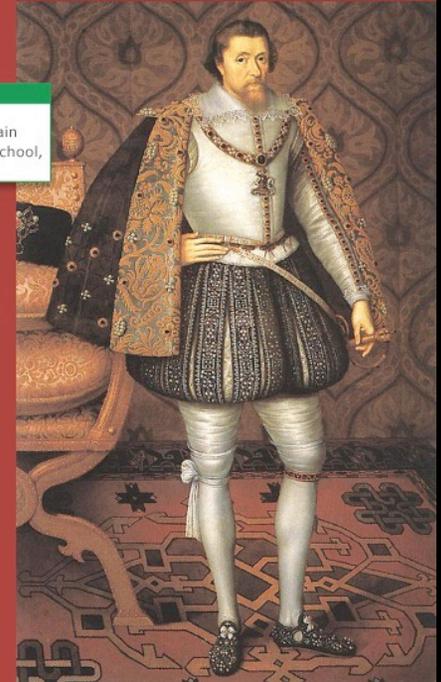
In 1606 King James I signed a **charter** forming the Virginia Company of London to start a new settlement in North America. He also gave the rights of Englishmen to the new colonists.

### Words to Know

**charter** [CHAR-tur] A document that grants certain rights to a town, city, land, school, or organization.

In exchange for providing ships, workers, and supplies to build the new colony, each stockholder got a share of any profits. The first charter gave the Virginia Company a piece of land that stretched 100 miles in every direction from the landing site. What about all the people who were already living there? Sadly, the Indians had no rights in the King's eyes.

In 1609 a second charter was written changing Virginia's borders. It now extended from "sea to sea." In 1612 a third charter was written adding the islands to the east of Virginia.



Jamestown and the James River are named after this man, King James I.

A  
**WAY**  
 TO GET  
**WEALTH:**  
 CONTAINING  
 Six Principal VOCATIONS, or CALLINGS, In  
 which every good *Husband or House-wife* may lawfully  
 Employ themselves.

As,

- I. The Natures, Ordering, Curing, Breeding, Choice, Use and Feeding of all sorts of Cattel and Fowl, fit for the Service of Man: As also the Raising and Dieting of Horses, either for War or Pleasure.
- II. The Knowledge, Use and Laudable Practice of all the Recreations meet for a *Gentleman*.
- III. The Office of a *House-wife* in Physick, Chirurgery, Extraction of Oyles, Bannquets, Cookery, Ordering of Feasts, Preferring of Wine, concerted Secrets, Distillations, Perfumes, Ordering of Wool, Hemp, Flax, Dying, Life of Dayries, Maulting, Brewing, Baking, and the Profit of Oats.
- IV. The Enrichment of the Weald in *Kent*.
- V. The Husbanding and Inriching of all sorts of barren Grounds, making them equal with the most fruitful: With the Prefervation of Swine. And a Computation of Men and Cretels Labours, &c.
- VI. The making of Orchards, Planting and Grafting, the Office of Gardening and the Ornaments, with the best Huswadding of Bees.



Jamestown-Yorktown Foundation, Williamsburg, Virginia

# Early Jamestown

## Growing by the “Hundreds”

By the time the *House of Burgesses* first met, Jamestown had been joined by several new towns along the James River. These settlements were built on the most fertile lands—lands taken by force from the

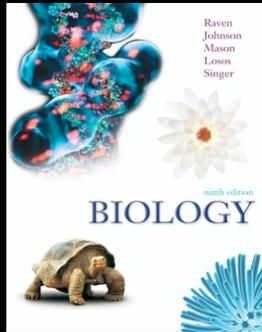
Indians. The colonists called the new towns “hundreds.”

In the colonial era, a “hundred” was a large plot of about one thousand acres—an area that could comfortably support one hundred people.

New English Settlements in Virginia



# AP Biology



# What did we learn? First, consider the limitations...

## Qualitative case study limited in scope

- snapshot in time
- small sample size
- narrow slice of content

# What did we learn?

- Increased student engagement
- More opportunities for self-directed learning
- Better products

## We also identified the need for

- Policies regarding use
- Reliable, high-speed Internet access at school and home
- Teacher professional development

# What about student outcomes?

Preliminary evidence from this very limited pilot project suggests that the approach is worth continuing to explore.

# What about cost?

We have a better understanding of the costs associated with implementing digital textbook initiatives, but we are unable to provide a cost comparison between digital and print textbooks for several reasons.

# Impact

The benefits of DOE PIF projects far exceed the modest investment

- Increases our ability to win federal competitive grants to expand the work
- Catalyst for innovation in schools
- Solidifies Virginia's position as a leader in digital learning

# Reports

*Beyond Textbooks: Year One Report*

*Beyond Textbooks: The Learning Return on Investment*

[http://www.doe.virginia.gov/support/technology/technology\\_initiatives/  
learning\\_without\\_boundaries/beyond\\_textbooks/index.shtml](http://www.doe.virginia.gov/support/technology/technology_initiatives/learning_without_boundaries/beyond_textbooks/index.shtml)

For more information contact:

Dr. Tammy McGraw

[tammy.mcgraw@doe.virginia.gov](mailto:tammy.mcgraw@doe.virginia.gov)

804.225.4429