

# CS in History

## Quick Integration Ideas



Using Computer Science in Social Studies helps students investigate, analyze, and understand complex systems over time. They use digital tools to model events, explore perspectives, and make evidence-based conclusions.

### ELEMENTARY [K-5]

#### INTEGRATION IDEAS

##### **Sequencing & Timelines**

Students use sequencing to understand chronological order.

*Example: Create a "timeline algorithm" for events such as the "First Thanksgiving," build interactive timelines of explorers, civilisations, or local history.*



##### **Mapping & Spatial Thinking**

Students use digital tools or basic coding to understand and create maps.

*Example: Use Bee-Bot to navigate a classroom map, or create a digital map showing major rivers or landforms*



##### **Models & Simulations of Social Systems**

Students simulate historical, geographical, or economic scenarios using CS tools.

*Example: Simulate supply and demand or natural features affecting travel or settlement patterns*

### MIDDLE [6-8]

#### INTEGRATION IDEAS



##### **Systems Thinking & Historical Modeling**

Build a simulation of population growth in ancient civilizations.

Model how a change in resources affects trade networks.



##### **Debugging & Source Evaluation**

Identify inaccuracies or bias in different accounts of the same event.

Evaluate manipulated data or misleading graphs.



##### **Digital Storytelling & Multi-Perspectives**

Produce an interactive map showing experiences of different groups during westward expansion.

Build a digital museum exhibit on a historical era.

#### QUICK TIPS

- First, look for natural connections between your content and CS skills.
- Focus on thinking, not just technology.
- Start small! Try one integrated computer science activity per science unit.