Codex Conquest: The Game of Book History

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Comments

These slides are from April 2017 and may not reflect future changes or adaptations of the game as it continues its life as an open educational resource.

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CODEX CONQUEST
THE GAME OF BOOK HISTORY
PEDAGOGY
GAME
DEVELOPMENT
#codexconquest
PEDAGOGY
Problem
Students learning book history

#codexconquest
Benefit from in person experiences
But not all students have equal access
Solution
Develop an OER game
#codexconquest
GAME
Play *Codex Conquest* to learn the contemporary value of historical printed books and how these books changed history by contributing to technological advancements, scientific breakthroughs, artistic triumphs, and political shifts from the fifteenth through the nineteenth century.
Each player represents a curator competing to create as many high value collections as possible for his or her national library. Collections may be four books from one genre, century, or country.
At the end of the game, complete collections are worth double their credit value.

Complete collections from the curator’s country are worth triple their credit value.

Books which do not form a complete collection, or spare credits, are worth only their specified value.
Books
5 countries
4 books per century
100 total books
Events
5 countries
4 events per century
100 total events

#codexconquest
Chance
20 chance cards

Deaccession
Discard any books not in a completed collection.
Total
100 books
100 events
20 chance
100 credits
Collaborators
Michelle Chesner & Serina Sulentic

Digital Project Manager
Hannah Scates Kettler

Logo Designer
Heidi Wiren Bartlett

Play Testers

#codexconquest
DEVELOPMENT
JANUARY-FEBRUARY 2016
Wireframe
Created handwritten cards
Created a board
Considered using real libraries
Typed and color coded cards

#codexconquest
Added a set up diagram to the rules
MARCH-JULY 2016
Alpha Testing
Generated game packets
Introduced medieval manuscripts
Introduced auctions

Spain:
Jews are expelled from Spain in 1492.

* Auction:
Hebrew incunabula.

Arba' Turim
Country: Italy
Value: * (Auction)
Genre: Religion
Year Published: 1475
Author: Rabbi Jacob ben Asher
Why Important: The first book of Jewish religious law, originally composed in manuscript in the late 13th or early 14th century.

Pentateuch
Country: Italy
Value: * (Auction)
Genre: Religion
Year Published: 1475
Author: Rashi
Why Important: The Pentateuch are the first five books of the Bible, sacred to both Jews and Christians. Moses is credited with writing Genesis, Exodus, Leviticus, Numbers, Deuteronomy.

#codexconquest
Objectives and order of operations

Order of Operation
1. Start
2. National Events
3. Book Market
4. Trade
5. Play Length
6. World Event
7. Progress through the Centuries
8. Win

Objective
Create as many collections as you can before the end of the twentieth century.
At the end of the twentieth century, complete collections are worth double credits, whereas individual books are worth only their face value.

Collection options include:
- National Canon: 6 books from one country
- Most Valuable Books: 4 most valuable books
- Specialty: 6 books within one genre.

#codexconquest
Introduced personal collecting
Added more chance
Clarified credit handling
## World History

<table>
<thead>
<tr>
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<th>F</th>
<th>E</th>
<th>A</th>
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<tbody>
<tr>
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<td>+</td>
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<td>+</td>
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<td>19</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>+</td>
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<td>+</td>
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<td>20</td>
<td>-</td>
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<td>-</td>
<td>+</td>
<td>+</td>
<td>+</td>
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</tbody>
</table>

**RESULT**

- 4 - 1+ = -3
- 3- 1+ = -2
- 4- = -4
- 1- 5+ = 4
- 2- 2+ = 0
- 2- 2+ = 0

---

Provided international history

#codexconquest
AUGUST-OCTOBER 2016

Beta Testing

#codexconquest
Created a website

CODEX
THE GAME
Matched winning goals to learning objectives
Eliminated world history
Eliminated the Americas
Eliminated the twentieth century
Revised book list

<table>
<thead>
<tr>
<th>Content</th>
<th>Original Title</th>
<th>Title</th>
<th>City</th>
<th>Country</th>
<th>Genre</th>
<th>Year</th>
<th>Credits</th>
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<tbody>
<tr>
<td>15</td>
<td>Biblia Latina</td>
<td>The Gutenberg Bible</td>
<td>Mainz</td>
<td>Germany</td>
<td>Christianity</td>
<td>1455</td>
<td>6</td>
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<tr>
<td>15</td>
<td>Tabulae Directionum et Trajectoriae Augsburg</td>
<td>Tables of Trajectories Augsburg</td>
<td>Germany</td>
<td>Astronomy</td>
<td></td>
<td>1488</td>
<td>3</td>
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<tr>
<td>15</td>
<td>Rudimentum novitiorum Handbook for Beginners Lübeck</td>
<td></td>
<td></td>
<td></td>
<td>Cartography</td>
<td>1475</td>
<td>2</td>
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<tr>
<td>15</td>
<td>Liber Chronicarum</td>
<td>Nuremberg Chronicle</td>
<td>Nuremberg</td>
<td>Germany</td>
<td>History</td>
<td>1493</td>
<td>3</td>
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<tr>
<td>15</td>
<td>Epistolarum ad familiare Familiar Letters</td>
<td></td>
<td>Venice</td>
<td>Italy</td>
<td>Philosophy</td>
<td>1669</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>Chalkocondilæ, Dæmel Homer's Opera</td>
<td></td>
<td>Florence</td>
<td>Italy</td>
<td>Epic Poetry</td>
<td>1488</td>
<td>6</td>
</tr>
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<td>15</td>
<td>Geographikè Hy̲ográfè</td>
<td>Geography</td>
<td>Florence</td>
<td>Italy</td>
<td>Cartography</td>
<td>1406</td>
<td>4</td>
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<tr>
<td>15</td>
<td>Naturalis Historie Natural history</td>
<td></td>
<td>Venice</td>
<td>Italy</td>
<td>Health</td>
<td>1469</td>
<td>2</td>
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<td>15</td>
<td>Gramatica de la lengua</td>
<td>Grammar of the Castilla</td>
<td>Valencia</td>
<td>Spain</td>
<td>Language</td>
<td>1492</td>
<td>2</td>
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<tr>
<td>15</td>
<td>Obres e trobes en lahor Works and Trials in the I Valencia</td>
<td></td>
<td>Valencia</td>
<td>Spain</td>
<td>Christianity</td>
<td>1474</td>
<td>1</td>
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<tr>
<td>15</td>
<td>Libro intitulado nobiliar Book of Titled Nobility</td>
<td>Sevilla</td>
<td>Spain</td>
<td>Politics</td>
<td></td>
<td>1492</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>Cronica de España Chronicles of Spain</td>
<td></td>
<td>Sevilla</td>
<td>Spain</td>
<td>History</td>
<td>1482</td>
<td>2</td>
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<td>Gasparini Pergamensis Gasparinus' Letters</td>
<td></td>
<td>Paris</td>
<td>France</td>
<td>Prose</td>
<td>1470</td>
<td>2</td>
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<td>15</td>
<td>Manipulus Curatorum The Manual of the Curat</td>
<td></td>
<td>Paris</td>
<td>France</td>
<td>Christianity</td>
<td>1478</td>
<td>1</td>
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<tr>
<td>15</td>
<td>Summa Logicae The Summa of Logic</td>
<td></td>
<td>Paris</td>
<td>France</td>
<td>Philosophy</td>
<td>1488</td>
<td>1</td>
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<tr>
<td>15</td>
<td>Platerus Arbolaire The Book of Simple Medicines</td>
<td></td>
<td>Paris</td>
<td>France</td>
<td>Natural Science</td>
<td>1498</td>
<td>2</td>
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<tr>
<td>15</td>
<td>The Canterbury Tales</td>
<td>The Canterbury Tales</td>
<td>London</td>
<td>England</td>
<td>Epic Poetry</td>
<td>1477</td>
<td>6</td>
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<tr>
<td>15</td>
<td>Recuyell of the History Recall of the History of Hammersmith</td>
<td></td>
<td>London</td>
<td>England</td>
<td>History</td>
<td>1475</td>
<td>5</td>
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<tr>
<td>15</td>
<td>Cronycles, The descript Chronicles of England</td>
<td></td>
<td>Westminster</td>
<td>England</td>
<td>History</td>
<td>1497</td>
<td>4</td>
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<tr>
<td>15</td>
<td>The promises of matrim The Promise of Matrim</td>
<td></td>
<td>London</td>
<td>England</td>
<td>Politics</td>
<td>1483</td>
<td>3</td>
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<tr>
<td>16</td>
<td>Erst und Ander Theil die First World Book</td>
<td></td>
<td>Frankfurt</td>
<td>Germany</td>
<td>Christianity</td>
<td>1567</td>
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<td>Von dem grossen Luthere On the Great Lutheran</td>
<td></td>
<td>Frankfurt</td>
<td>Germany</td>
<td>Christianity</td>
<td>1522</td>
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<td>16</td>
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<td>New Testament</td>
<td>Cologne</td>
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<td>Christianity</td>
<td>1536</td>
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<td>16</td>
<td>Herodoti Halicarnasseni Herodotus' History of H</td>
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<td>Frankfurt</td>
<td>Germany</td>
<td>History</td>
<td>1584</td>
<td>1</td>
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<tr>
<td>16</td>
<td>La Sofonisba, Tragedia, Sofonisba, Tragedy, Reg</td>
<td></td>
<td>Venice</td>
<td>Italy</td>
<td>Theater</td>
<td>1524</td>
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<tr>
<td>16</td>
<td>Divina Commedia Divine Comedy</td>
<td></td>
<td>Venice</td>
<td>Italy</td>
<td>Epic Poetry</td>
<td>1555</td>
<td>1</td>
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<tr>
<td>16</td>
<td>Canon Medicinae The Canon of Medicine</td>
<td></td>
<td>Venice</td>
<td>Italy</td>
<td>Health</td>
<td>1595</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>La Descrittione di Tutto The Description of Every</td>
<td></td>
<td>Verona</td>
<td>Italy</td>
<td>Cartography</td>
<td>1562</td>
<td>3</td>
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</table>

#codexconquest
<table>
<thead>
<tr>
<th>Century</th>
<th>Country</th>
<th>Event</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Germany</td>
<td>Johannes Gutenberg introduces movable type printing.</td>
<td>5</td>
</tr>
<tr>
<td>15</td>
<td>Germany</td>
<td>Scientists study astrology and astronomy side by side.</td>
<td>5</td>
</tr>
<tr>
<td>15</td>
<td>Germany</td>
<td>Lucas Brandis makes the first printed maps.</td>
<td>5</td>
</tr>
<tr>
<td>15</td>
<td>Germany</td>
<td>Albrecht Dürer's woodcuts exemplify the beauty and skill demonstrate CHANCE</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Italy</td>
<td>The publication of works by classical Roman authors like Cicero help ge 4</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Italy</td>
<td>Printers reintroduce Greek epics to early modern readers.</td>
<td>4</td>
</tr>
<tr>
<td>15</td>
<td>Italy</td>
<td>Jacobus Angelus translates Ptolemy, distributing the ancient Greek ge 4</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Italy</td>
<td>Pliny's Natural History provides an encyclopedic perspective into ancie CHANCE</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Spain</td>
<td>Antonio de Nebrija writes the first grammar of the Castilian (Spanish)</td>
<td>13</td>
</tr>
<tr>
<td>15</td>
<td>Spain</td>
<td>The Spanish Inquisition begins.</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>Spain</td>
<td>Isabella of Castile and Ferdinand of Aragon unite Spain in marriage.</td>
<td>3</td>
</tr>
<tr>
<td>15</td>
<td>Spain</td>
<td>Catholic and Muslim influences shape medieval Spanish history.</td>
<td>CHANCE</td>
</tr>
<tr>
<td>15</td>
<td>France</td>
<td>Gasparinus' Letters is the first book published in France.</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>France</td>
<td>The Manual of the Curate is an early modern best seller with over a hun 2</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>France</td>
<td>Occam's Razor is an example of a concept of medieval philosophy.</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>France</td>
<td>Herbals provide early modern medical information.</td>
<td>CHANCE</td>
</tr>
<tr>
<td>15</td>
<td>England</td>
<td>Wynken de Worde shifts English printing to focus on more inexpensive 1</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>England</td>
<td>Recuyell of the Historyes of Troye is the first book printed in English.</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>England</td>
<td>The Vikings, Normans, and Scots ransacked medieval England.</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>England</td>
<td>Royal marriages gain allies for the nation and are not based on love. CHANCE</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Germany</td>
<td>The German humanism spreads throughout Europe.</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>Germany</td>
<td>Catholics revolt against Martin Luther's ideas.</td>
<td>1</td>
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<tr>
<td>16</td>
<td>Germany</td>
<td>The Protestant Reformation requires translations of the Bible into the 1</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Germany</td>
<td>The ancient historian Herodotus demonstrates how to write history.</td>
<td>CHANCE</td>
</tr>
<tr>
<td>16</td>
<td>Italy</td>
<td>Ancient Greek drama inspires Gian Giorgio Trissino to innovate in form 5</td>
<td></td>
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<tr>
<td>16</td>
<td>Italy</td>
<td>Dante's vision of hell, purgatory, and heaven is a masterpiece of Weste 5</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Italy</td>
<td>Printed translations of Ibn Sina brings Arabic medicine to Europe.</td>
<td>5</td>
</tr>
</tbody>
</table>
Revised chance

Debt:

Your library's country is in need of funds. It decides to sell its most valuable book. Select the most valuable book you own (and choose between them if you have several of equal value) and offer it to the other players. Who is willing to buy it for its face value? If multiple countries want the book, have them bid against one another to determine who is willing to pay the highest price.

Allow other countries to bid on your most valuable book.
Eliminated die

#codexconquest
Simplified layout
Revised the rules
Retained the emphasis on future decks with additional content
Emphasized critical curricula
NOVEMBER 2016- FEBRUARY 2017

Pre-Launch
Obtained funding for printed version
Enabled data merge
Provided links to images
Students completed printable versions
Students completed boxed versions
March 2017-
Post-Lauch
Sent printed copy on tour

#codexconquest
Sought peer review for curricula

Digital Humanities

- Mapping Book History
- Intellectual History Timeline
- Exhibiting Collections
- Annotated Bibliography of Digital Book History Sources

Game Design

- Add a new country
- Critique the game: Anachronism
- Critique the game: Western Canon
- Critique the game: Booklist
- Critique the game: Representation of History
- Propose new game component
- Create your own game

#codexconquest
Applied for internal grant

#codexconquest
CODEX CONQUEST
THE GAME OF BOOK HISTORY