
Analyzing Complex Images



Notice of recording

This session is being recorded. If you choose to participate, any of your comments or questions will become part of the Library's collections.

Select Standard

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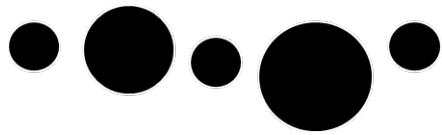
LIBRARY OF CONGRESS TEACHING WITH PRIMARY SOURCES

June 29, 2021

Analyzing Complex Images



Michael Apfeldorf



Library of Congress

Welcome. We're glad you're here! Use the chat box to introduce yourselves. Let us know:

- ☐ Your first name
- ☐ Where you're joining us from
- ☐ Why you're here

Please select **ALL PANELISTS AND ATTENDEES** in the to: box.

Analyzing Complex Images

When analyzing a complex image, how can we help students:

- Notice and consider all details within the image?
- Relate those details together for a better understanding of the whole?

Item 1



Respond in the chat:

Q: What does this diagram represent?

A: “I think _____,
(claim)

because _____.”
(evidence)

What does this
diagram
represent?



“I think _____,
because _____.”

Item 2



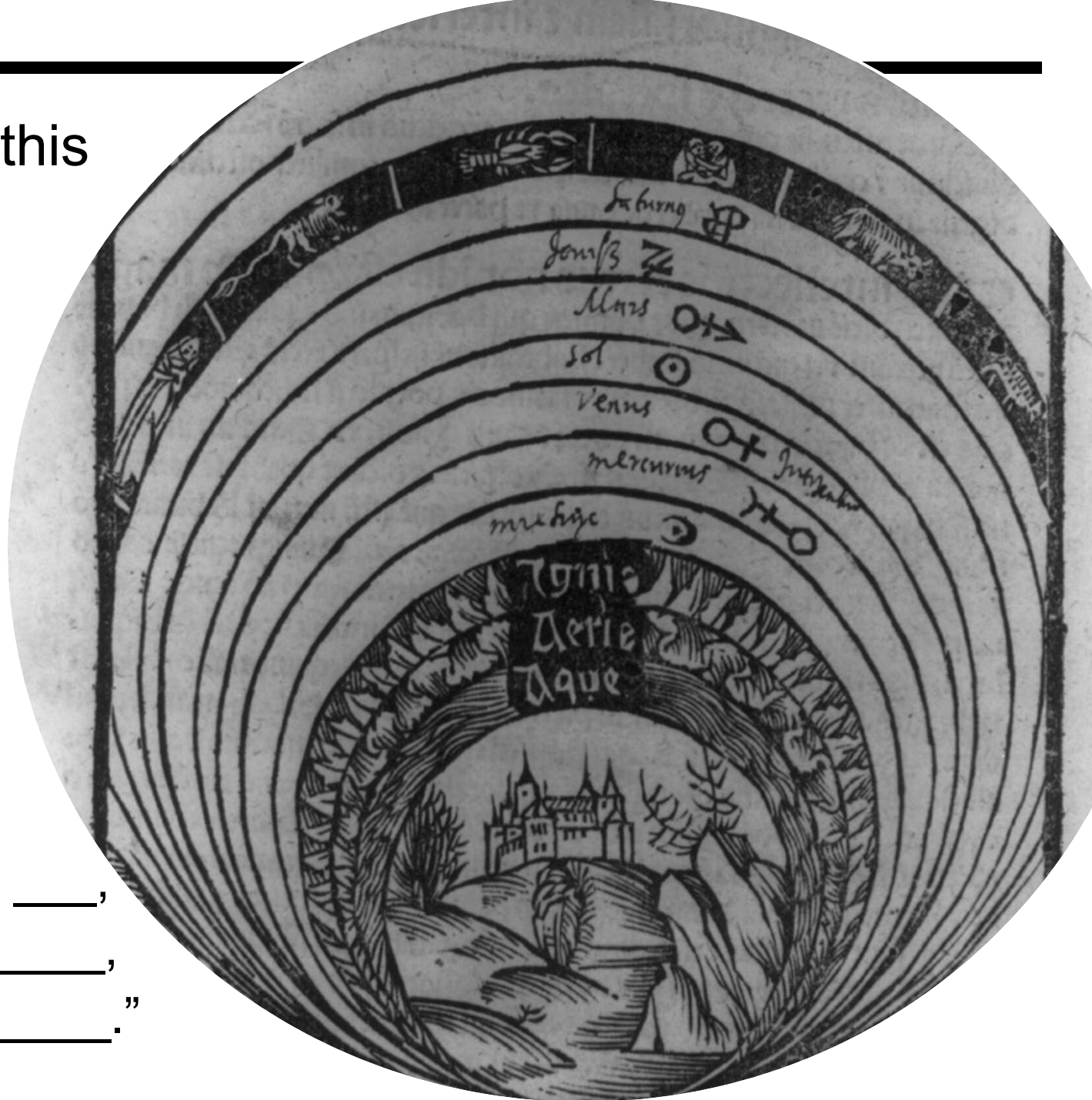
Respond in the chat:

“I used to think _____;
(original **claim**)

now I think _____
(new **claim**)

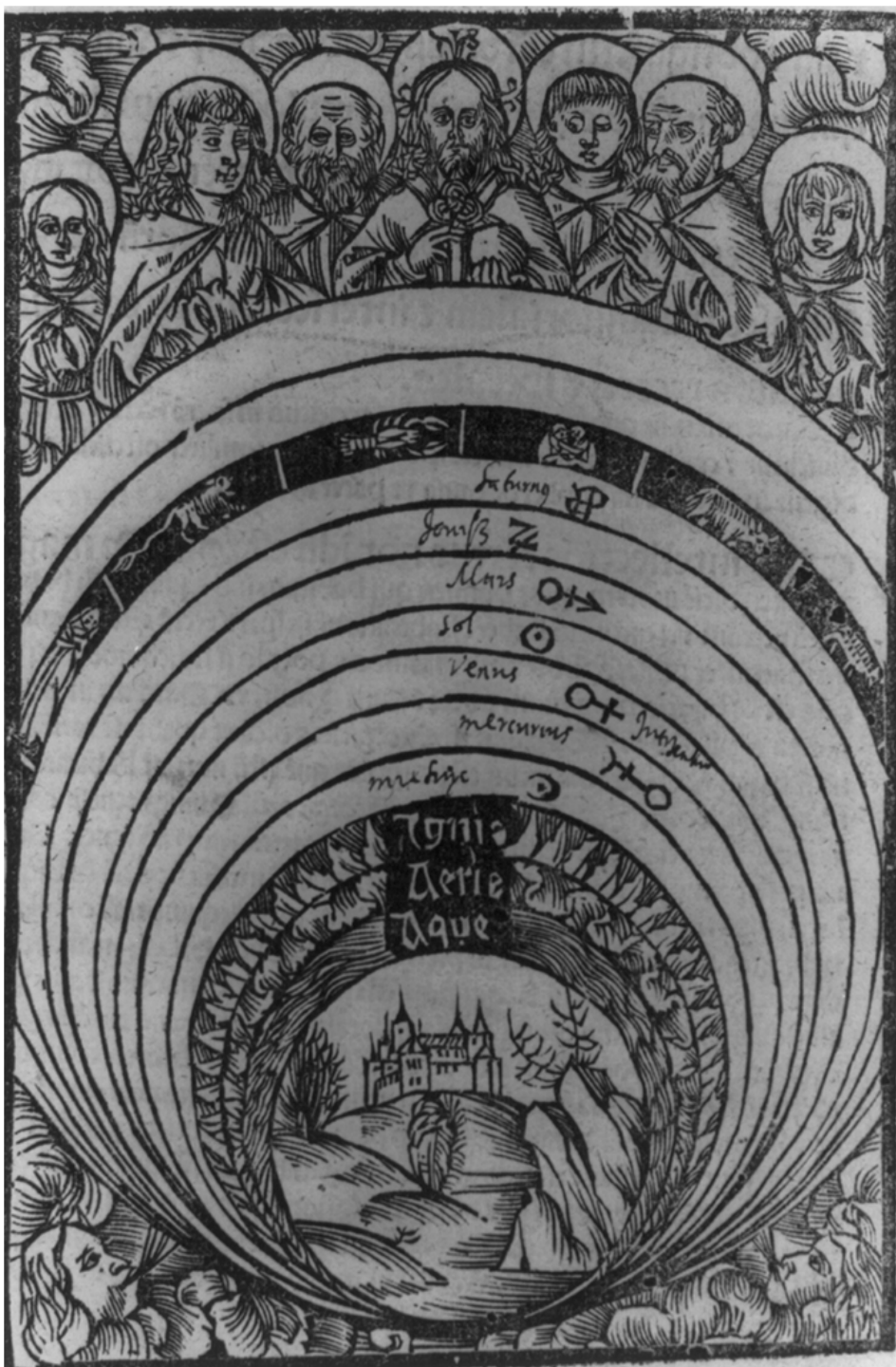
because _____.”
(evidence, prior knowledge, and reasoning)

What does this
diagram
represent?



“I used to think ____,
now I think _____,
because _____.”

Item 3



Respond in the chat:

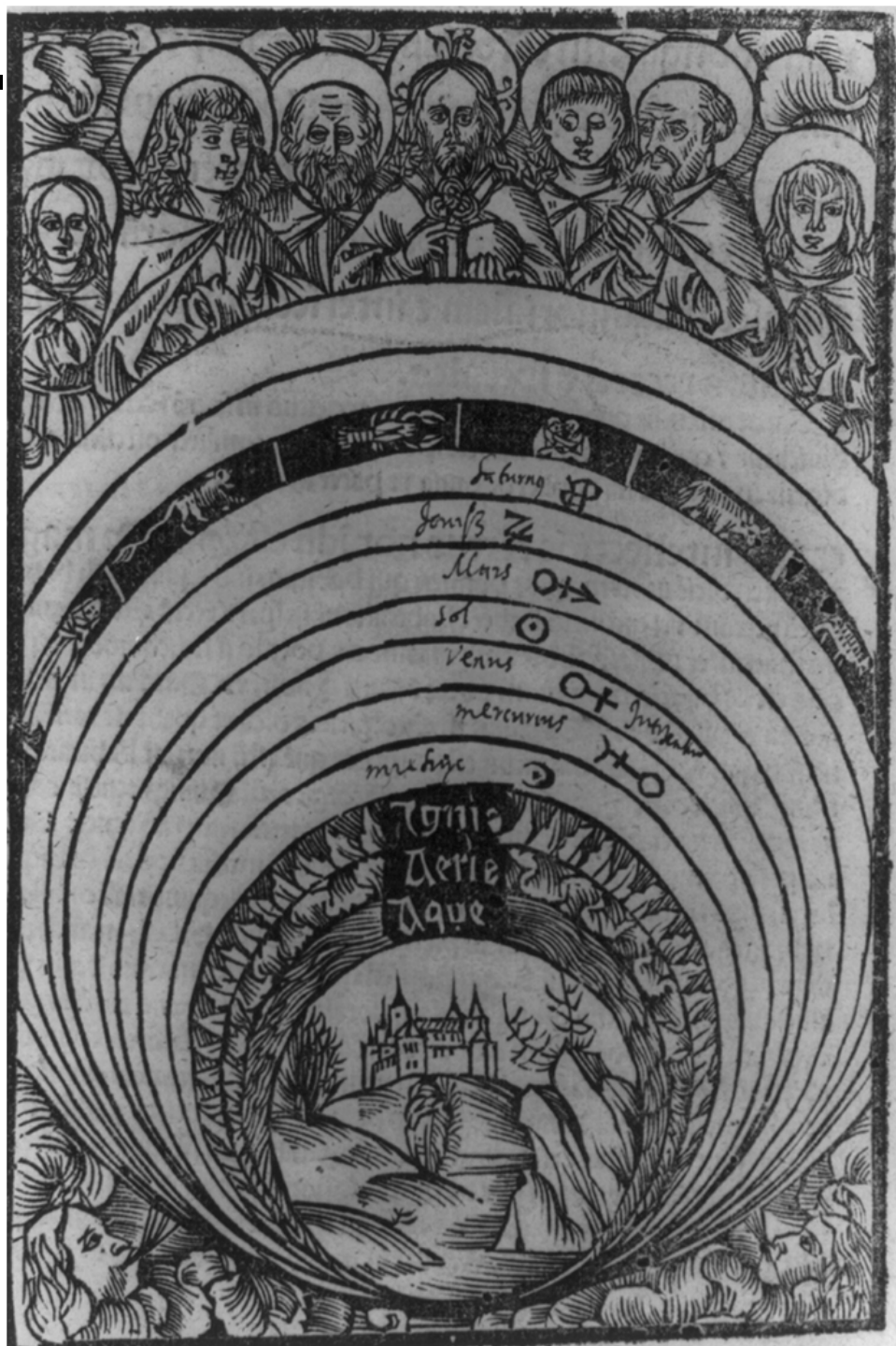
“I used to think _____;
(original **claim**)

now I think _____
(new **claim**)

because _____.”
(evidence, prior knowledge, and **reasoning**)

What does this
diagram
represent?

“I used to think ____,
now I think _____,
because _____.”

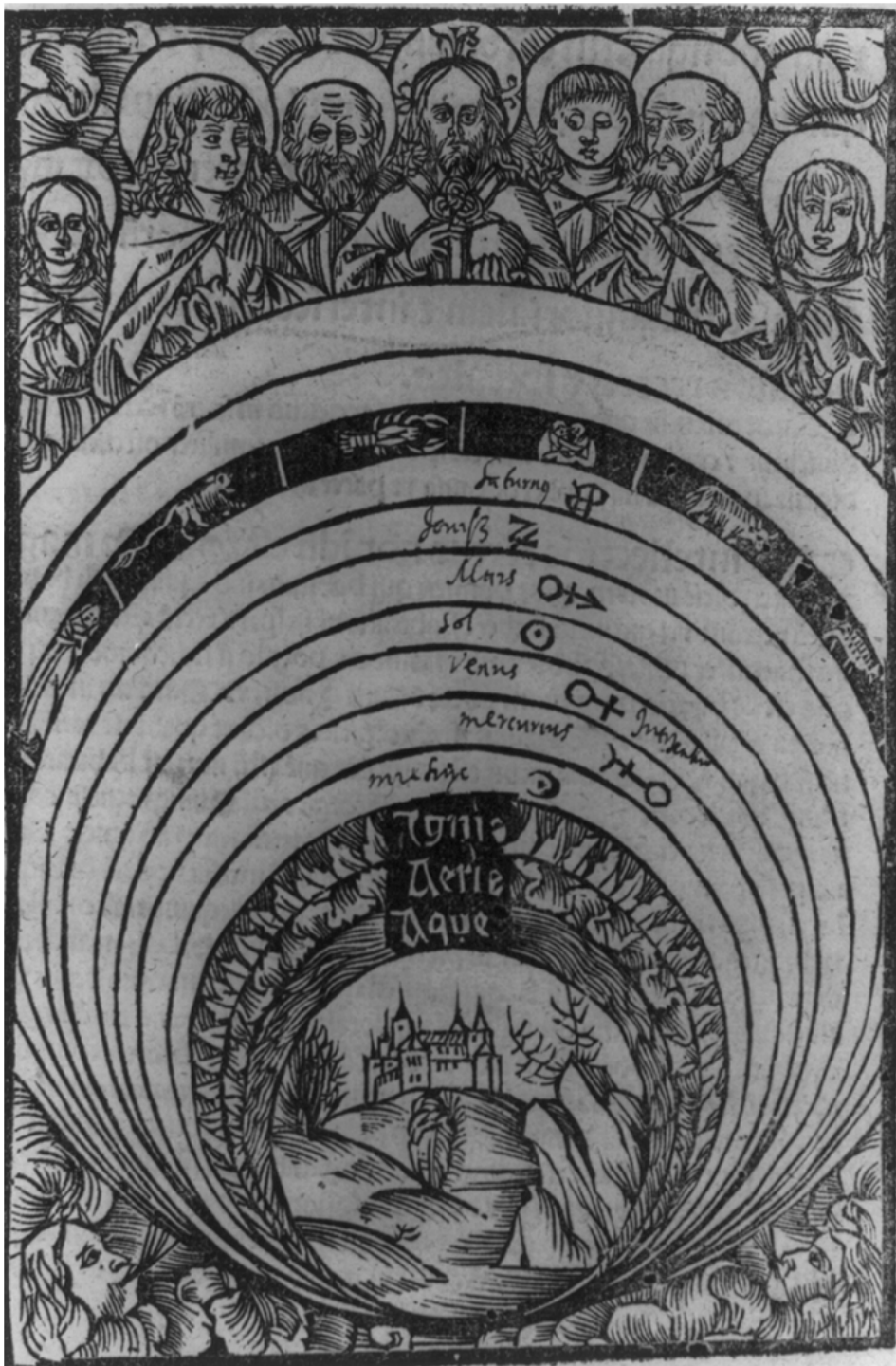


Create a Headline to Describe the Diagram

If you were to write a **headline** for this diagram that captures what you learned from analyzing it, what would the headline be?

Create a headline

If you were to write a headline for this diagram that captures what you learned from analyzing it, what would the headline be?



About this Item

Title

[An illustration of the Ptolemaic concept of the universe showing the earth in the center]

Created / Published

1513.

Notes

- Woodcut from Jan Glogowczyk's Introductarium copendiosum in Tractatu...Cracow, 1513.
- Reference copy may be available in LOT 7007.
- This record contains unverified, old data from caption card.
- Caption card tracings: Shelf. Astronomy.

Medium

1 print : woodcut.

Call Number/Physical Location

No call number recorded on caption card [item] [P&P]

Repository

Library of Congress Prints and Photographs Division Washington, D.C.
20540 USA

Part of

[Finding Our Place in the Cosmos: From Galileo to Sagan and Beyond \(325\)](#)

[Prints and Photographs Division \(877,604\)](#)

[Library of Congress Online Catalog \(1,105,527\)](#)

Format

[Photo, Print, Drawing](#)

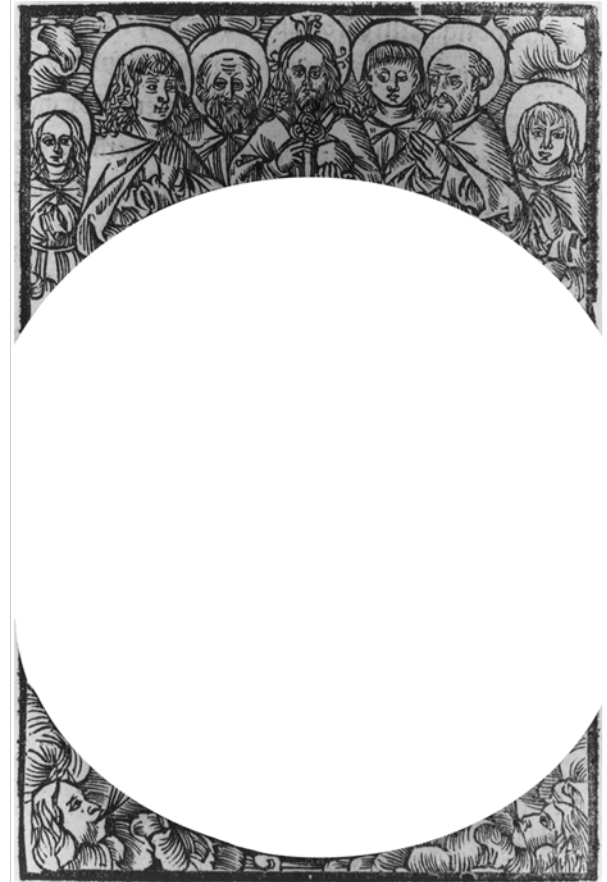
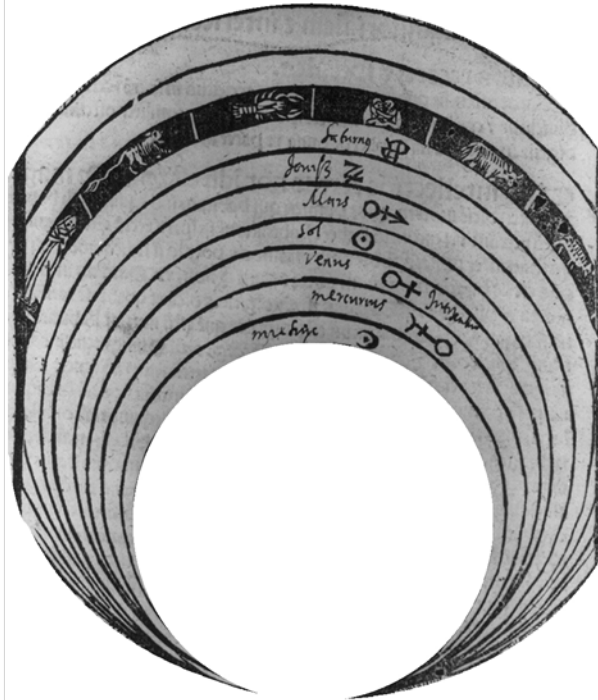
Dates

[1513](#)

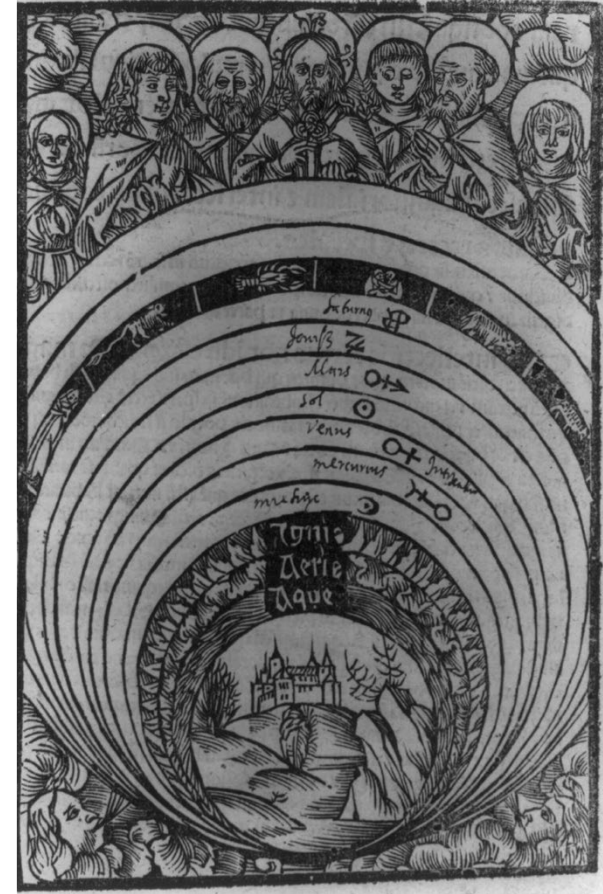
Language

[English](#)

Other Possibilities for Facilitating Analysis



Other Possibilities for Facilitating Analysis



Discussion: Visible Thinking Routines

- Dividing up the document

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- Dividing up the document
- Sentence Stem: “I think...because...”

Discussion: Visible Thinking Routines

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“I used to think...now I think...because...”

Discussion: Visible Thinking Routines

- Dividing up the document
- Sentence Stem: “I think...because...”
“I used to think...now I think...because...”
- Headlines

Extending Student Thinking

Part of
[Primary Source Sets](#)
[Lesson Plans](#)
[Presentations](#)

PRIMARY SOURCE SET

Understanding the Cosmos: Changing Models of the Solar System and the Universe

Jump to: [Teacher's Guide](#)

TEACHERS HOME

The Library of Congress offers classroom materials and professional development to help teachers effectively use primary sources from the Library's vast digital collections in their teaching.

ANALYSIS TOOL & GUIDE

To help your students analyze these primary sources, get a graphic organizer and guides.



Constellation Andromeda as recorded by al-Sufi

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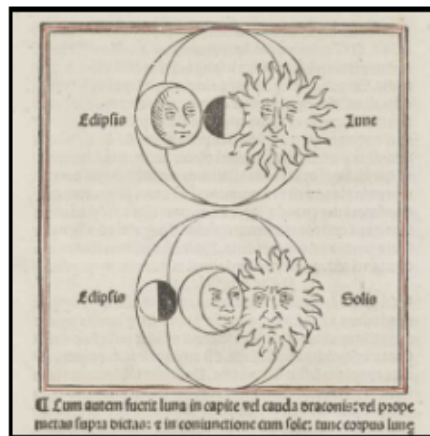


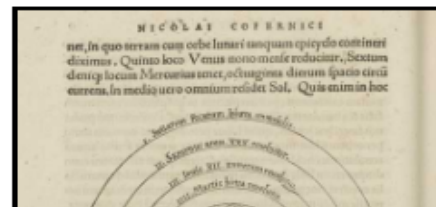
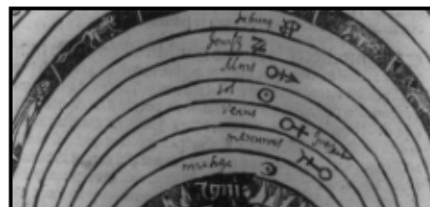
Illustration of a solar and lunar eclipse

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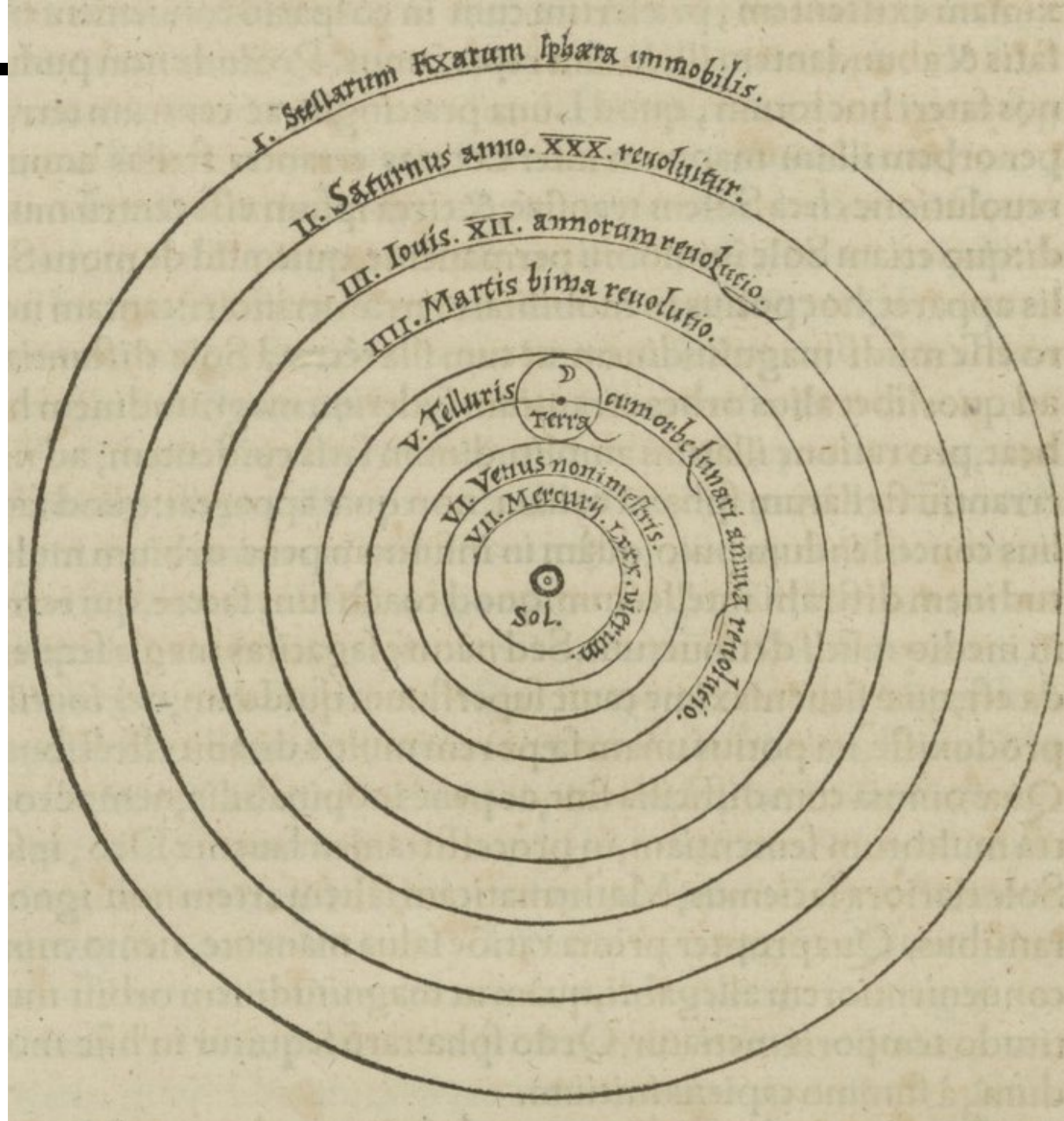


Representation of the universe with heaven above, bands containing stars, planets, and Earth below

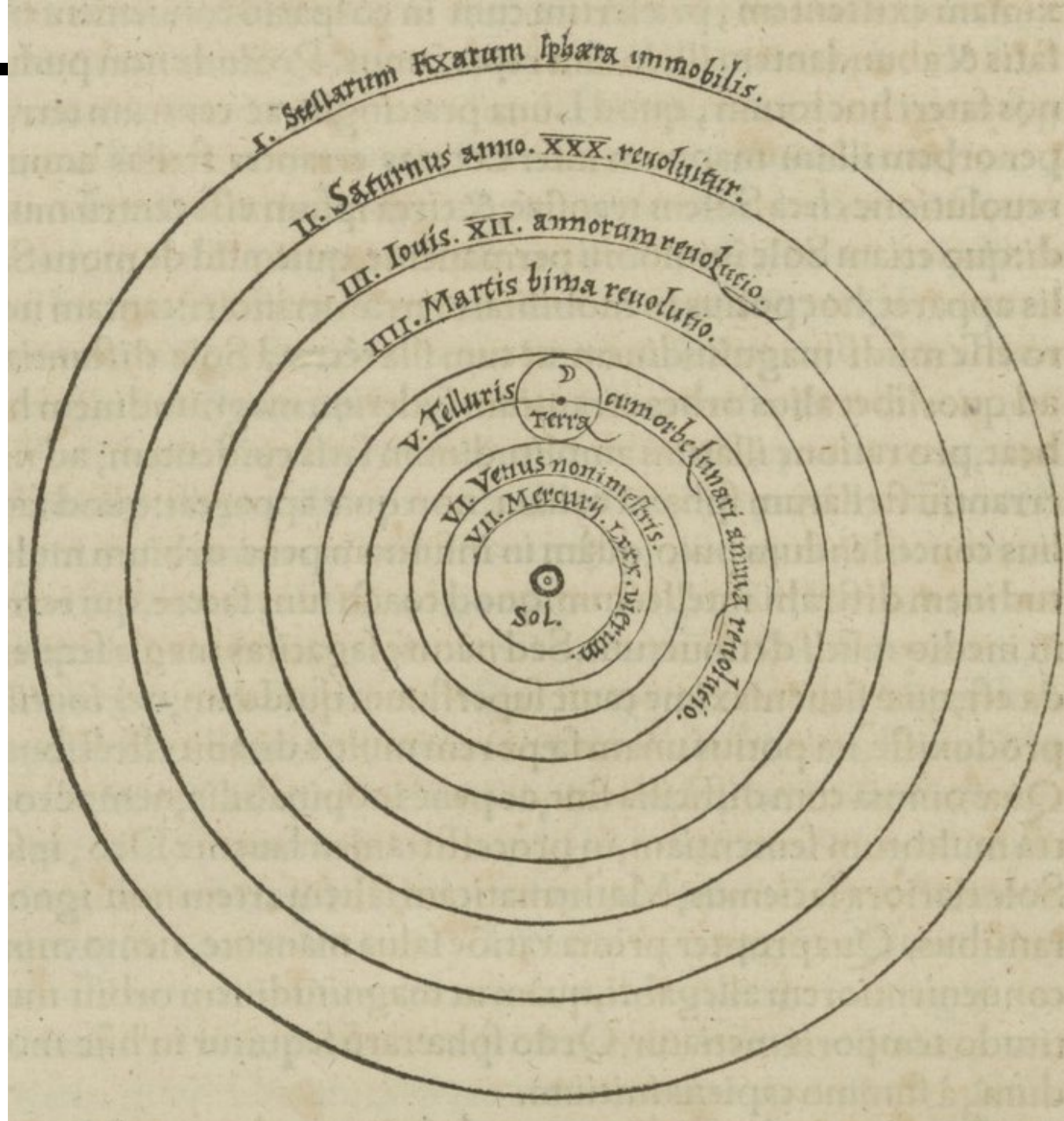
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What do
you notice?

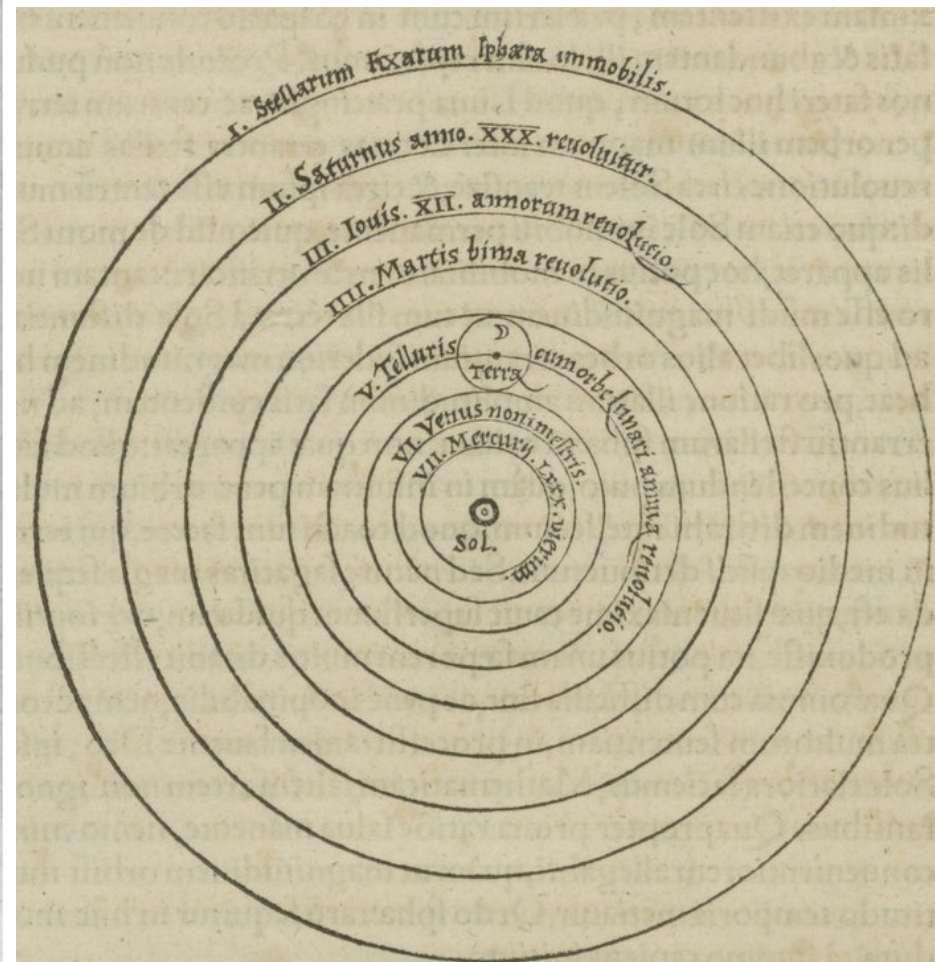
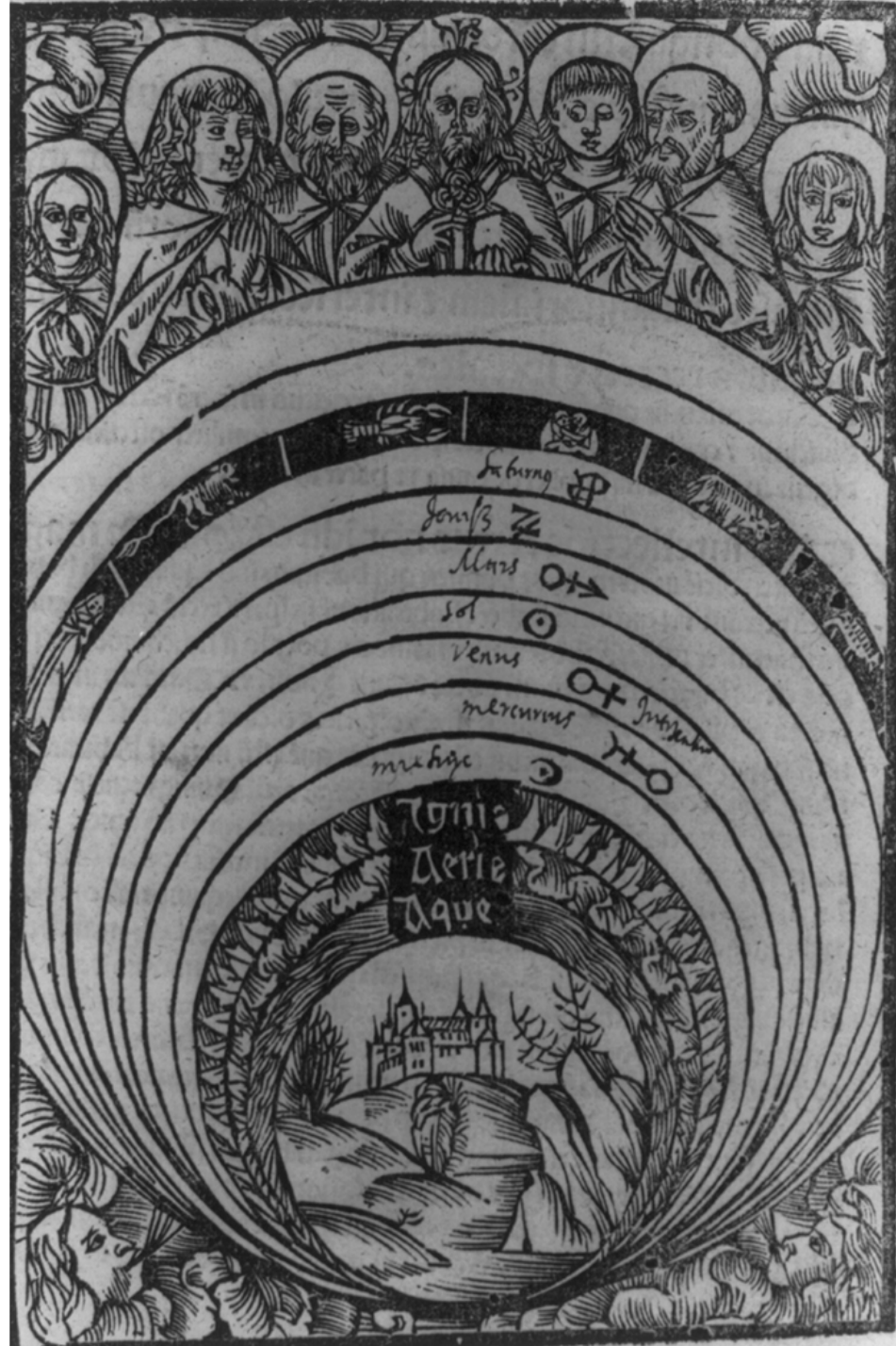


What do
you notice?



Copernicus Sun
Centered View of
the Cosmos, 1543

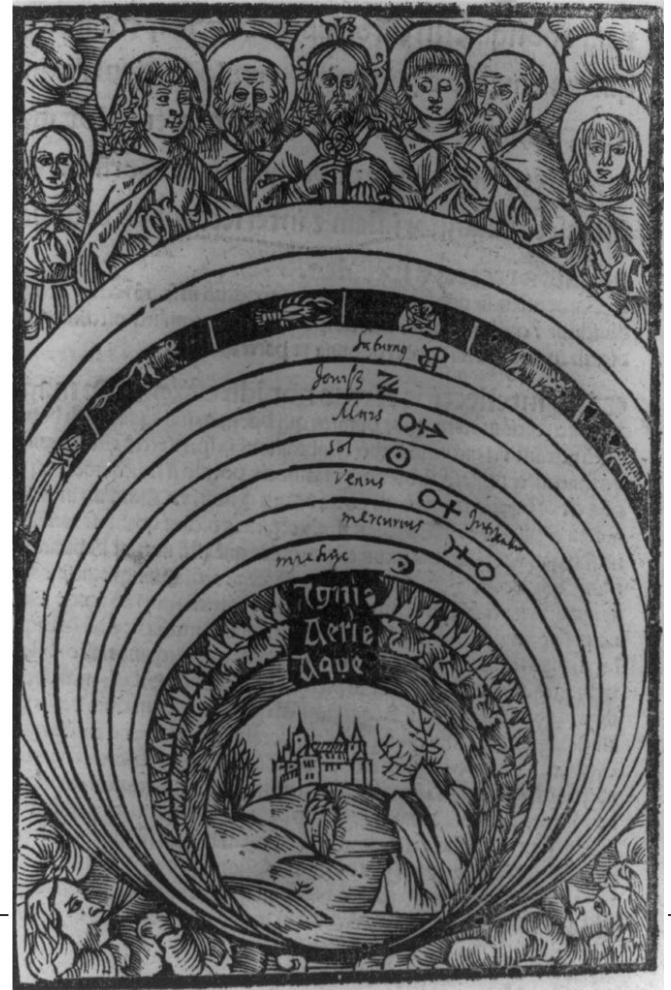
What can we learn
by comparing
multiple sources?



Additional Connections

What additional connections can you make?

- Science?
- Social Studies/History?
- English Language Arts?
- Other?



Discussion: Your Students

How might you use these strategies with your students, either in person or remotely?

- Dividing up the document
- Sentence Stem
- Headlines
- Connecting to other sources

Classroom Materials at the Library of Congress

Results: 1-40 of 93 | Refined by:

Part of: Classroom Materials at the Library ... ✕

Available Online ✕

Classroom Material Type testing: Primary S... ✕

Refine your results

Classroom Material Type testing

Primary Source Set

Topic

City and Regional History

Culture and Folklife

Arts and Culture

Government, Law and Politics

African American History

American History

Civil War

Immigration and Ethnic Heritage

Oral Histories

Poetry and Literature

More Topics »

Era

Progressive Era to New Era, 1900 to 1929

Rise of Industrial America, 1876 to 1900

Great Depression & World War II, 1929 to 1945

Civil War and Reconstruction, 1861 to 1877

Postwar United States, 1945 to Present

The New Nation, 1783 to 1815

National Expansion and Reform, 1815 to 1860

Three Worlds Meet, Beginnings to 1620

Classroom Materials at the Library of Congress

View

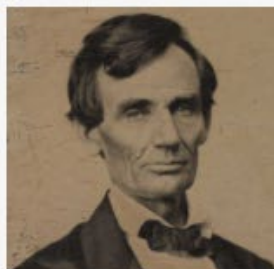
Gallery

Go

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Abraham Lincoln: Rise to National Prominence

A selection of Library of Congress primary sources exploring Abraham Lincoln and his national role. This set also includes a Teacher's Guide with historical context and teaching suggestions. Speeches, correspondence, campaign materials...



Alabama: Selected Library of Congress Primary Sources

Highlights from the past and present of Alabama, from the rich online collections of the Library of Congress.



Alaska: Selected Library of Congress Primary Sources

Highlights from the past and present of Alaska, from the rich online collections of the Library of Congress.



Alexander Hamilton

Manuscripts, images, and historic newspapers document the life and accomplishments of Alexander Hamilton. This set also includes a Teacher's Guide with historical context and teaching suggestions. Manuscripts, images, and historic newspapers document...



American Authors in the Nineteenth Century:



Arizona: Selected Library of Congress



Arkansas: Selected Library of Congress



Baseball Across a Changing Nation

Before You Go

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Check your email for certification

- For participants who attended entire session live.
- Allow 48 hours for the email.

Questions?

- Library of Congress: <http://www.loc.gov>
- Ask a Librarian: <https://ask.loc.gov/>
- Teacher resources: <http://www.loc.gov/teachers/>
- Teacher blog: <http://blogs.loc.gov/teachers/>

Primary Source Analysis:

<http://blogs.loc.gov/teachers/2020/04/core-strategies-for-working-with-primary-sources-primary-source-analysis/>

- Cheryl Lederle: cled@loc.gov
- Mike Apfeldorf: mapf@loc.gov

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