

Introduction to the History of Mathematics

Dr. John Doe, Department of Mathematics

Mathematics 101

I. Course Objectives

1. Understand the historical context of mathematics.

2. Appreciate the contributions of various cultures.

3. Explore the evolution of mathematical thought.

1/1

II. Course Content

1. Ancient Mathematics: Egypt, Mesopotamia, Greece.

2. The Middle Ages: Islamic Golden Age, Europe.

3. The Renaissance: Italy, France, England.

4. The 17th-18th Centuries: Newton, Leibniz, Euler.

5. The 19th-20th Centuries: Set Theory, Calculus, etc.



6. Modern Mathematics: Abstract Algebra, Topology.

7. The Future of Mathematics: Computer Science, AI.

III. Course Materials



1. *The History of Mathematics* by Carl B. Boyer

2. *Mathematics: A Concise History* by John J. O'Connor

3. *Mathematics and Its History* by John Stillwell

IV. Course Schedule

Week 1: Introduction to the History of Mathematics

OR

Week 2: Ancient Mathematics: Egypt and Mesopotamia

Week 3: Ancient Mathematics: Greece

Week 4: The Middle Ages: Islamic Golden Age

Week 5: The Middle Ages: Europe



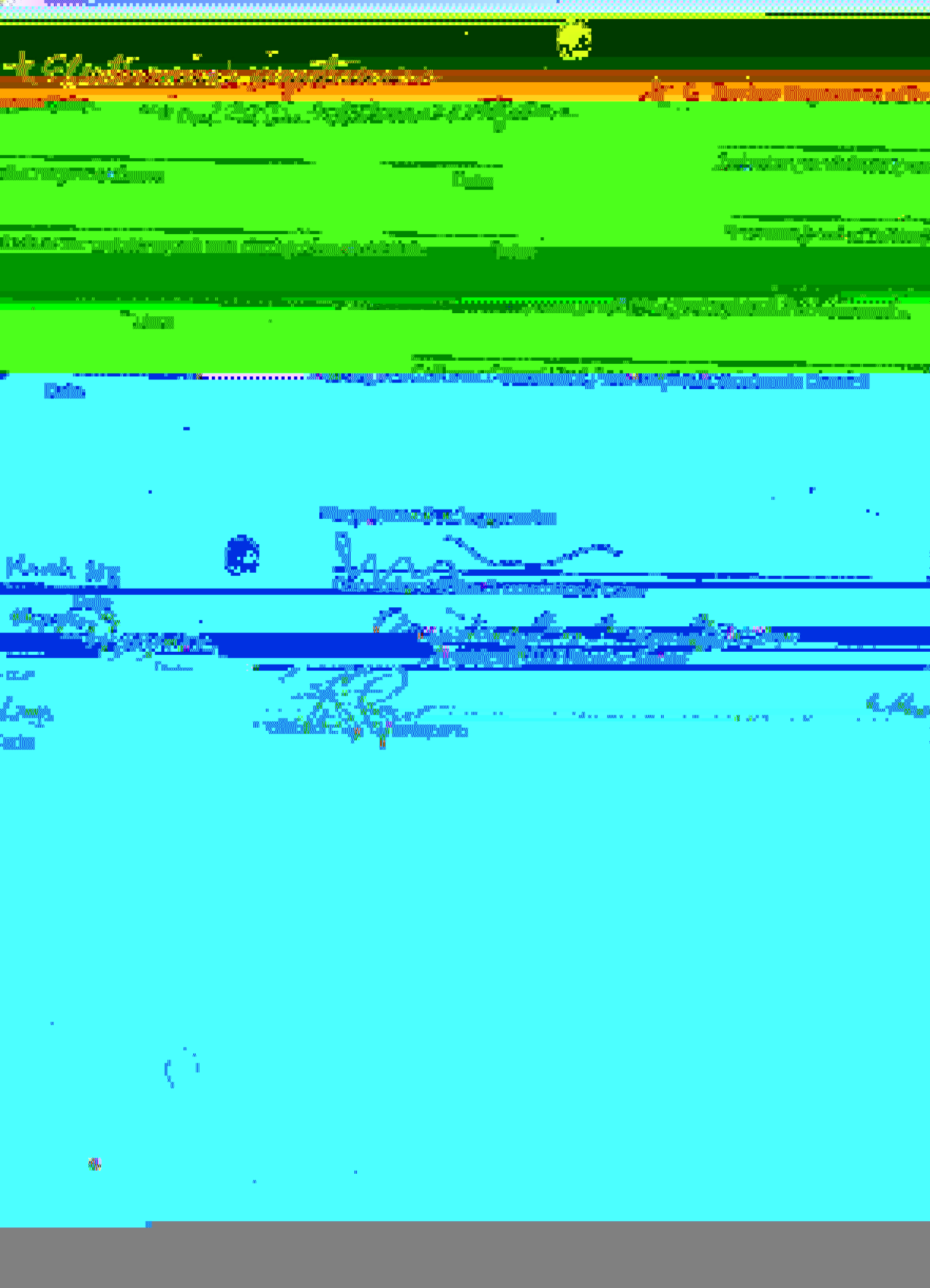
Week 6: The Renaissance: Italy

Intended outcomes

Assessment Criteria and

Implementation

Intended outcomes	Assessment Criteria and	Implementation
<p>1. Community-based research - Identify community needs - Engage community members - Develop research questions - Collaborate with community partners</p>	<p>1. Community-based research - Identify community needs - Engage community members - Develop research questions - Collaborate with community partners</p>	<p>1. Community-based research - Identify community needs - Engage community members - Develop research questions - Collaborate with community partners</p>
<p>2. Intervention of health - Implement health promotion - Evaluate health outcomes</p>	<p>2. Intervention of health - Implement health promotion - Evaluate health outcomes</p>	<p>2. Intervention of health - Implement health promotion - Evaluate health outcomes</p>
<p>3. Health promotion - Develop health promotion materials - Implement health promotion activities</p>	<p>3. Health promotion - Develop health promotion materials - Implement health promotion activities</p>	<p>3. Health promotion - Develop health promotion materials - Implement health promotion activities</p>
<p>4. Evaluation - Evaluate health outcomes - Report findings</p>	<p>4. Evaluation - Evaluate health outcomes - Report findings</p>	<p>4. Evaluation - Evaluate health outcomes - Report findings</p>



1. *Stylized, colorful text or graphic element at the top left.*

2. *Stylized, colorful text or graphic element at the top right.*

3. *Stylized, colorful text or graphic element in the middle left.*

4. *Stylized, colorful text or graphic element in the middle right.*

5. *Stylized, colorful text or graphic element in the lower middle left.*

6. *Stylized, colorful text or graphic element in the lower middle right.*

7. *Stylized, colorful text or graphic element in the lower left.*

8. *Stylized, colorful text or graphic element in the lower right.*

9. *Stylized, colorful text or graphic element in the center.*

10. *Stylized, colorful text or graphic element on the far left.*

11. *Stylized, colorful text or graphic element in the center.*

12. *Stylized, colorful text or graphic element on the far left.*

13. *Stylized, colorful text or graphic element in the center.*

14. *Stylized, colorful text or graphic element on the far left.*

15. *Stylized, colorful text or graphic element on the far left.*

16. *Stylized, colorful text or graphic element in the center.*

17. *Stylized, colorful text or graphic element on the far right.*

18. *Stylized, colorful text or graphic element in the lower left.*

