

Engineering an Empire: Da Vinci's World

Video Worksheet

CREATING THE RENAISSANCE

1. When did the Roman Empire end? **476 CE**

2. In Western Europe, what replaced the Roman Empire? **(Holy Roman Empire & Monarchies) Small Italian Republics**

3. In the new Italian towns, which people emerged with new power and wealth? **Merchants**

4. Which new Republic was growing quickly in power and prestige? **Siena**
 - a. What was the biggest obstacle facing the city? **Water**

 - b. How did they solve their problem?
"Bottini" - a small network of underground tunnels (springs-water tanks- public fountains)

5. What two dominant republics existed in Tuscany? **Florence and Siena**

6. What occurred in 1347? **The Black Death**

7. An interest in the ancient world is called **Humanism**.

8. Who were the Medici's? What is their significance?
 - **The wealthiest family in Italy**
 - **Live life to the fullest**
 - **They wanted to create a new Athens in Florence.**
 - **Patrons of the arts**

9. What did Filippo Brunelleschi do after he lost the “door competition” in 1401?

- **Ran away to Rome (study the ancients)**

10. What is unique about his dome? **No Internal scaffolding (wooden flying buttresses)**

11. How long did it take to create the dome? **16 years (1420-1436)**

12. What was one of Brunelleschi’s greatest achievements?

- **The use of Herringbone Bricks**
 - **bricklaying technique to displace the weight out & down**
- **The Vanishing Point (Paper Architecture Begins - Blueprints)**

13. Which French king invaded Italy? **Charles VIII (1494)**

a. How did his invasion change the role of Italian architects? **Designs turned to warfare/defense**

b. Because of this invasion, forts were created in what type of shapes?

- **Star-shaped**

14. Which Pope once again turned Rome into an important city? **Sixtus V**

a. What did he have fixed that brought people back into the city?

- **Criminals (vandals) kicked out**
- **roads paved and widened**
- ✓ **Aqueducts (water)**

15. After watching the video, what is the most important thing to remember about the Italian Renaissance?

- ★ **Modern Culture begins!**
 - **Humans are the center (secularism)**