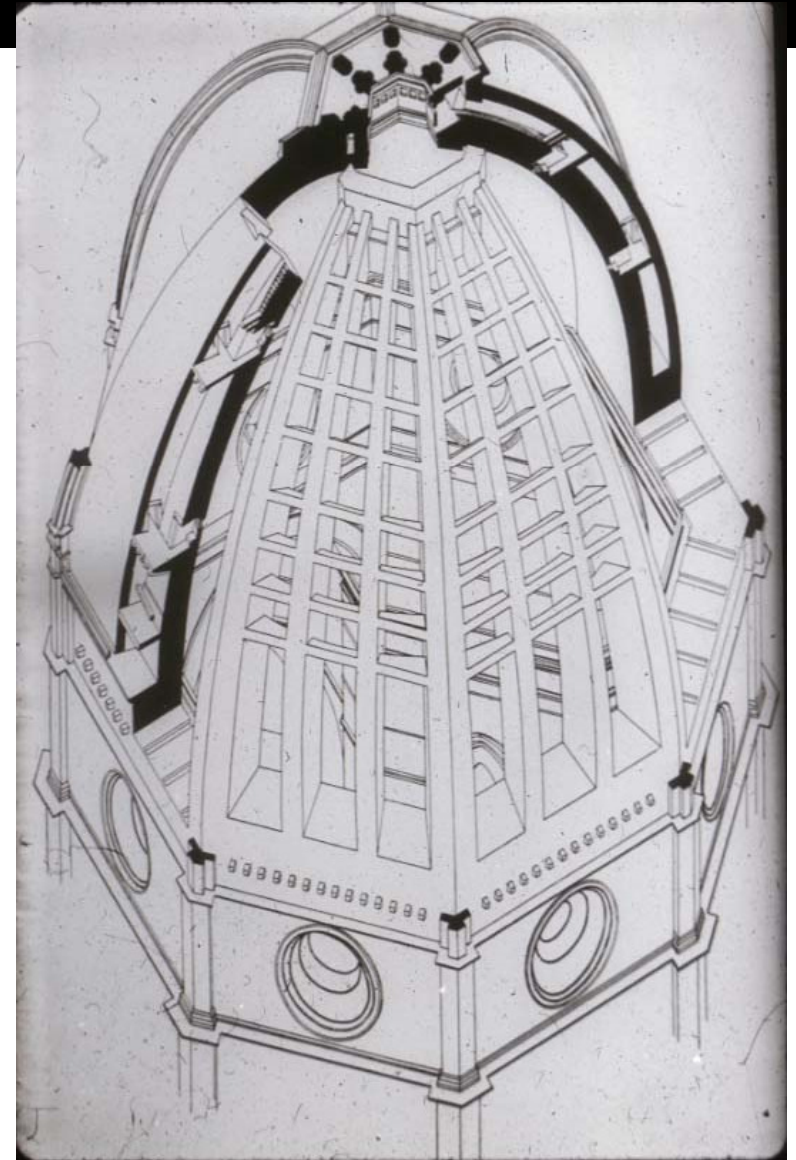


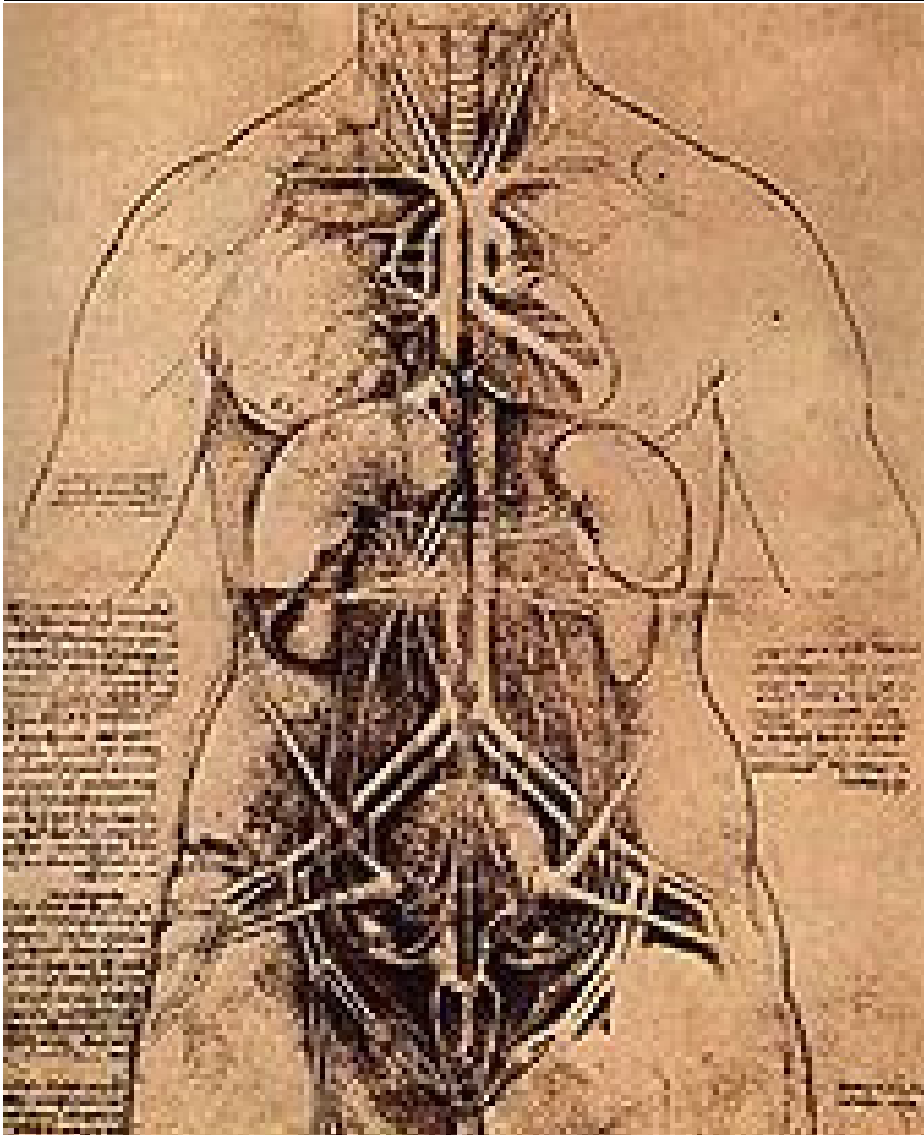
Renaissance Improvements in the Sciences

Math & Architecture

- Use of letters (variables) in algebra
- Calculations used to design huge domes for cathedrals
 - “Duomo” in Florence



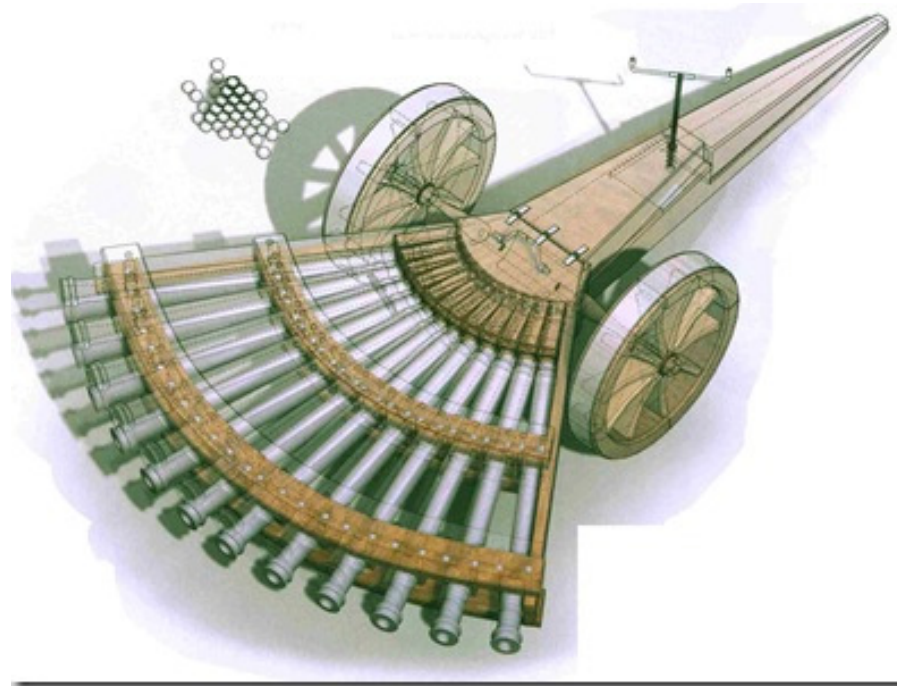
Anatomy



- Increased knowledge of human body as a result of dissections
 - Leonardo da Vinci
 - Andreas Vesalius

Science

- Scientific method
- Invention of the microscope
- Galileo Galilei & the heliocentric theory
- Leonardo da Vinci & inventions



Map-making

- Mercator & the cylindrical map
- More accurate maps
 - Improvements in navigation, ship-building technology, and astronomy



Medicine

- **Ambrose Paré**
 - Military doctor/surgeon
 - Used thread to close wounds
 - Bandages

