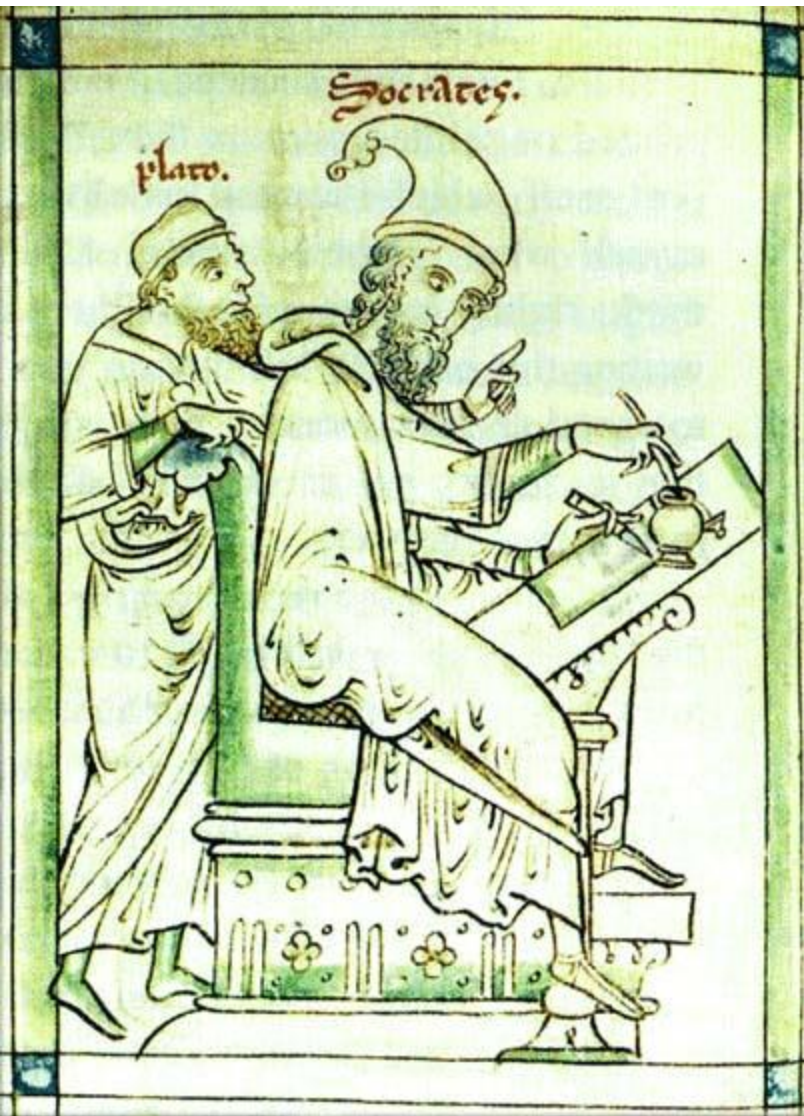


Socrates and Plato



Plato was a follower of
Socrates

- Nothing of Socrates survived, however, the school of Plato was extraordinary influential, and we can read Plato's dialogues, because during the hundreds of years they were copied.
- His ideas give foundation for a crucial step in development of Philosophy.

Plato

- It is reported on the doors of his academy that the entrance is PROHIBITED FOR THOSE IGNORANT IN GEOMETRY. (in that time Geometry meant Mathematics)



Plato and Aristotle

Plato

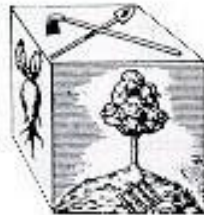
- He was a strong man. Strong in character, and he was a winner of an Olympiad.

- Plato praised some mathematical concepts such as the proof that the side of a square is not commensurable.
- There are only 5 regular polyhedrons.

- Plato was influenced by Pythagorean, who is considered the real father of the theory of Platonic bodies.



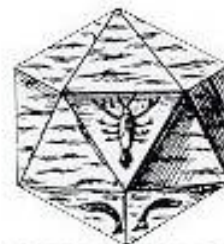
TETRAHEDRON
Fire



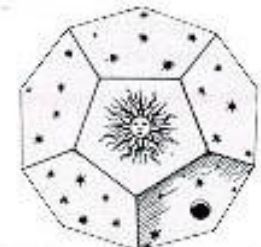
CUBE
Earth



OCTAHEDRON
Air



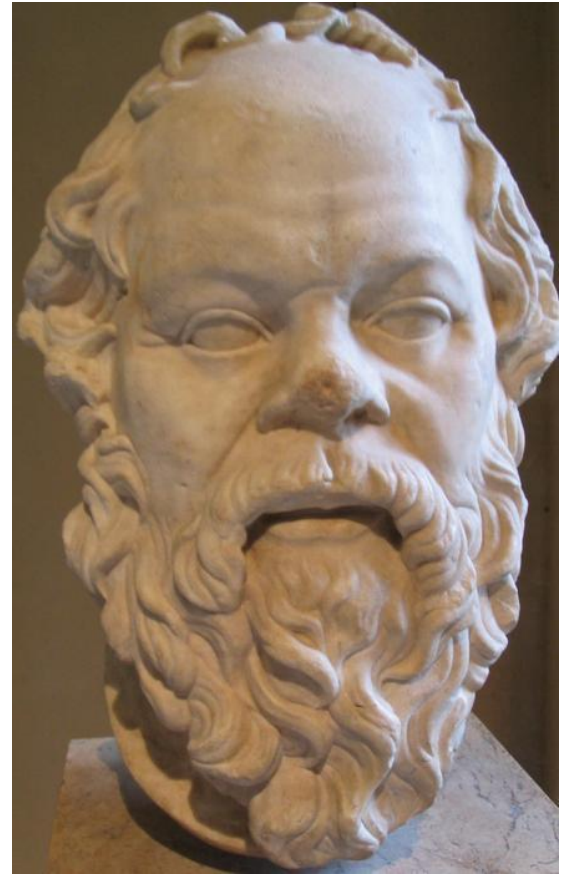
ICOSAHEDRON
Water



DODECAHEDRON
the Universe

Socrates

- We should use Socrates methods when we are teaching. Socrates taught through methods of questioning.



Trial of Socrates

- Socrates was accused of not believing in the same gods as the government at that time.
- He was anti-democratic, and much of the city was against him at the time he was 70 years old.

The Trial of Socrates

- He was brought to court to argue his case in front of a jury of 500.
- Once the hearing was over, the jury was asked to vote, without deliberation.
- The vote was 280 to 220.

Socrates was found

Guilty

Guilty

- In that time, the government was not allowed to kill a citizen.
- Sometimes they would take their citizenship away then kill them.
- The jury then must have to consider a punishment.

- The accusers wanted death!
- He was actually asked what his punishment should be.
- One option was to go in exile.

Socrates suggestion

- He gave a sarcastic suggestion and thought he should be rewarded for his actions.
- He proposed a modest sum of money for his punishment.

- The jury had to decide death or a monetary punishment.
- The jury chose.....

Death!!!

DEATH

- But, they could not kill him
- So they asked him to commit suicide.

Socrates would be his own executioner by drinking a cup of poison hemlock.



The Death of Socrates
Jacques-Louis David 1787