

Greek Philosophers/Astronomers/Scientists

Who	When	Where	What
Thales	624-547 BC	Miletus	<ol style="list-style-type: none"> 1. credited with being the “father” of philosophy 2. theory of everything: “<i>all is water</i>”
Pythagoras	570-490 BC	Samos	mystical mathematics Pythagorean theorem “All is number”
Anaxagoras	499–428 B.C.	Smyrna (Izmar)	<ol style="list-style-type: none"> 1. Lunar eclipses are caused by the earth between sun and moon. 2. The sun is a red hot stone
Democritus	460 – 370 BC	Abedra	atomic theory “ <i>nothing exists but atoms and empty space – everything else is opinion</i> ”
Plato	428-348 BC	Athens	idealistic philosophy
Aristotle	384-322 BC	Macedonia	philosophy of the natural world <ol style="list-style-type: none"> 1. the earth is a sphere 2. heavens are perfect 3. planets move on concentric spheres
Aristarchus	310-230 BC	Samos	<ol style="list-style-type: none"> 1. measured distance to the moon and sun 2. measured the sizes of the sun and moon 3. proposed heliocentric system
Erotosthenes	276-195 BC	Alexandria	measured size of the

			earth
Hipparchus	190-120 BC	Nicaea	<ol style="list-style-type: none"> 1. produced the most accurate star maps 2. discovered precession
Ptolemy	100-170 AD	Alexandria	produced a geocentric model of the solar system which lasted almost 1500 years