Technology Tree

THE AGES OF MAN

Change History Again and Again...

Construction
Stone Working

Construction *+Slave Labor*
Brick Making
▲ Pyramids
■ Wall
★ Javelineer

Construction *+Applied Math*
Architecture
■ Work Camp(P)
■ Capital(H)
❖ Watch Tower(D)
✪ Laborer

Construction
Masonry
▲ Temple of Zeus(H)
■ City Wall(D)
■ Infrastructure(P)
❖ Fortification(D)

Construction *+Ballistics*
Ballista Towers
■ Ballista Towers(D)

Construction *+Aqueducts*
Concrete
■ Arena(H)

Construction *+Geometry*
Civic Engineering
▲ Coliseum

Government *+TheocMonarchy* *+Dark Ages*
Theocratic Monarchy
▲ Chitzen Itza(P)
★ Eagle Archer
★ Eagle Warrior

Warfare *+Dark Ages*
Blacksmith
■ Conscripted Labor(P)

Construction *+Agricultural Rev*
Mills
■ Mills(P)

Construction *+Banking*
Mechanical Clock
■ City Clock

Construction *+Printing Press*
Machine Tools

Construction *+Cannon Making*
Flintlock
★ Infantryman

Construction *+Modern Metallurgy*
Railroad
■ Food Silo(F)
❖ Railroads

Construction *+Industrial Revolution*
Oil Refining
❖ Drilling Platform(P)
★ Submarine

Engineering
Toolmaking
★ Spearman

Engineering *+Slave Labor*
Mining
❖ Mines(P)

Engineering *+Tribes*
Copper Smelting
■ Forge(P)
★ Slavemaster
★ Heavy Swordsman

Engineering *+Trade*
Bronze Working
★ Hoplite

Warfare *+Philosophy*
Barracks
▲ Spartan Philosophy(D)
★ Hypaspist

Engineering *+Alchemy*
Iron Working
❖ Mine Shaft(P)
★ Legion
★ Auxiliary Legion

Engineering *+Horse Armor*
Animal Husbandry
★ Heavy Cavalry

Government *+Theocracy A* *+Dark Ages*
Theocracy
★ Teutonic Knight
★ Knight Templar
▲ Holy Roman Empire(D)

Engineering
Gothic Architecture
■ Basilica(H)

Engineering
Perspective
■ Mosque(S)

Engineering *+Age Of Reason*
Modern Metallurgy
❖ Advanced Mine(P)

Engineering *+Economics*
Industrial Revolution
■ Factory(P)
★ Ironclad

Engineering *+Chemistry*
Explosives
★ Artillery

Engineering *+Internal Combustion*
Mass Production
❖ Sonar Buoy
★ Destroyer
★ Machine Gunner
★ PT Boat

Engineering *+Nuclear Power*
Robotics
■ Robotic Plant(P)
❖ Automated Fishery(F)

Engineering *+Digital Encrypt*
Nano Assembly
❖ Sea Tunnel
❖ Undersea Base
★ Sea Engineer

Engineering *+Technocracy*
Nano Machines
▲ Nanite Defuser(D)
❖ Sea Mines(P)

Engineering *+Plasma Weapon*
Nano Warfare
★ Infector

Sea *+Tool Making*
Ship Building
★ Coracle

Sea *+Astronomy*
Sails
❖ Net(F)
★ Bireme

Sea
Seamanship
★ Galley

Sea *+Seamanship*
Map Making
▲ Lighthouse of Alexandria(C)
❖ Port(C)

Sea *+Geometry*
Hullmaking
❖ Fisheries(F)
★ Heptrireme

Warfare *+Iron Working*
Migration
★ Hun Raider

Government *+DynoEmpire* *+Dark Ages*
Dynastic Empire
▲ Forbidden City(G)
★ Samurai

Sea *+Dark Ages*
Ocean Faring
★ Longship

Sea *+Dark Ages*
Compass
★ Carrack

Sea *+Greek Fire*
Astrolabe
★ Dromon

Sea *+Canon Making*
Chronometer
▲ East India Company(C)
★ Galleon

Sea *+ Economics*
Naval Tactics
■ Battlements(D)
★ Ship of Line

Sea *+Explosives*
Advanced Naval Tactics
★ Battleship

Flight *+Aerodynamics*
Naval Aviation
★ Aircraft Carrier

Sea *+Mod Medicine*
Fluid Breathing
★ Scout Sub

Sea *+Nano Assembly*
Ultra Press Machinery
❖ Advanced Sea Mine(P)
★ Crawler

Flight *+Tool Making*
Projectile Weapons
★ Slinger

Warfare *+Bronze Working*
Metal Working
★ Peltast

Flight *+Bronze Working*
Archery
★ Archer

Flight *+Barracks*
Composite Bow
★ Composite Archer

Flight *+Geometry*
Siege Weapons
★ Catapult

Government *+Monarchy A* *+Dark Ages*
Monarchy
▲ Magna Carta(S)

Flight *+Feudalism*
Crossbow
★ Crossbowman

Flight *+Classical Education*
Greek Fire
★ Trebuchet

Flight *+Trade Guilds*
Gunpowder
★ Arquebusier

Flight *+Machine Tools*
Cannon Making
★ Cannon

Flight *+Mass Production*
Aerodynamics
■ Airport(C)
❖ Airbase(D)
★ Fighter

Flight *+Corporation*
Vertical Flight
★ Cargo Helicopter

Flight *+Modern Metal*
Jet Propulsion
★ Bomber

Flight *+Corp Rep*
Supersonic Flight
★ Interceptor

Flight *+Conservation*
Advanced Composites
★ Stealth Bomber
★ Stealth Fighter

Flight *+Fuel Cells*
Space Flight
■ Orbital Lab(S)
★ Space Plane

Warfare *+Agriculture*
Domestication
❖ Pasture(F)

Warfare *+Projectile Weapons*
Horse Riding
★ Javelin Cavalry

Warfare *+Wheel*
Chariots
★ Chariot

Warfare *+Projectile Weapons*
Aristocracy
★ Chariot Archer

Warfare *+Barracks*
Horse Armor
★ Horseman

Warfare *+Aristocracy*
Mobile Tactics
★ Horse Archer

Warfare *+Tribunal Empire*
Stirrup
★ Cataphract

Warfare *+Monarchy*
Yeomanry
★ Longbow

Warfare *+Blacksmith*
Chain Mail
★ Man at Arms

Warfare *+Feudalism*
Chivalry
★ Feudal Cavalry

Warfare
Iron Casting
★ Medieval Infantry

Warfare *+Loom*
Plate Armor
★ Knight

Warfare *+Flintlock*
Cavalry Tactics
★ Cavalry

Government *+Nationalism*
Fascism
★ Fascist

Warfare *+Internal Combustion*
Tank Warfare
★ Tank

Warfare *+Naval Aviation*
Advanced Infantry Tactics
★ Marine
★ Paratrooper

Physical Science *+Chaos Theory*
Unified Physics
■ Forcefield(D)
▲ National Shield(D)

Warfare *+Fusion*
Plasma Weapons
★ Plasma Destroyer
★ Leviathan

Economics *+Toolmaking*
Pottery
■ Bazaar(C)

Economics *+Wheel*
Trade
★ Caravan

Economics *+Copper Smelting*
Currency
▲ Agora(C)
❖ Trading Post(C)

Government *+City State*
Oligarchy
■ Capitalization
★ Elephant Warrior

Economics *+Jurisprudence*
Bureaucracy
▲ Appian Way(H)
■ Marketplace(C)
■ Silo(F)

Government *+Ethics*
Tribunal Empire
▲ Hadrian's Wall(D)
★ Settler

Warfare *+Christianity*
Stirrup

Society
Dark Ages
★ Feudal Infantry

Economics *+Mills*
Banking
▲ Silk Road(P)
★ Pikemen

Economics *+Astrolabe*
Trade Guilds
■ Craft Guild(P)
★ Merchant Trader
✪ Merchant

Economics *+Democracy*
Economics
■ Brokerage(C)
▲ London Exchange(C)

Government *+Industrial Revolution*
Communism
★ Revolutionary

Economics *+Electricity*
Mass Media
■ Television(C)
❖ Outlet Mall(C)
★ Televangelist

Economics *+Mass Production*
Corporation
▲ Empire State Building(G)
★ Corporate Branch

Economics *+Corporate Republic*
Global Economics
★ Freight Transport
▲ Hollywood(C)

Economics *+Global Communications*
Digital Encryption
▲ Global E-Bank(C)
▲ Data Haven(G)

Government *+Neural Interface*
Virtual Democracy
▲ Egalitarian Act(H)

Government *+Nano Assembly*
Ectopia
▲ Central Matter Decompiler(P)
★ Eco Terrorist

Physical Science *+Nano Machinery*
Gaia Theory
▲ Eden Project(D)
★ Eco Ranger

Environment *+Smart Material*
Victory
▲ Solaris Project
■ Gaia Containment Core
■ Gaia Power Satellite
❖ Obelisk

Physical Science *+Religion*
Astronomy
▲ Stonehenge(F)
■ Ziggurat(S)

Physical Science
Applied Math

Warfare *+Drama*
Diagonal Brace

Physical Science *+Philosophy*
Cosmology
▲ Aristotle Lyceum(S)
■ Academy(S)
✪ Scientist

Physical Science
Pythagoras Theorem
★ Ballista

Physical Science *+Ballistics*
Alchemy
★ Trireme

Physical Science *+Iron Working*
Geometry

Physical Science *+Theology*
Classical Education
■ University
★ Abolitionist

Physical Science *+Astrolabe*
Optics
▲ Galileo's Telescope(S)

Physical Science *+Alchemy*
Chemistry

Physical Science *+Age Of Reason*
Physics
▲ Newton's Theories(S)

Physical Science *+Computer*
Quantum Physics
▲ Manhattan Project(S)

Society *+Religion*
Religion
■ Shrine(H)
✪ Entertainer(H)

Society *+Stone Working*
Slave Labor
★ Slaver

Society *+Ceremonial Burial*
Monotheism
▲ Temple of Solomon(H)
★ Prophet

Society *+Writing*
Drama
▲ Olympics(D)
■ Theatre(H)

Society *+City State*
Philosophy

Government
Republic
★ Spy
★ Pezheteroi

Society *+Jurisprudence*
Ethics
■ Forum

Society *+Monotheism*
Christianity
▲ Resurrection(H)
■ Monastery(S)
★ Cleric

Society *+Civic Engineering*
Theology
▲ Hagia Sophia(H)

Society *+Perspective*
Renaissance

Society *+Chivalry*
Vernacular Prose
▲ Shakespeare's Theatre(H)

Society *+Nationalism*
Age Of Reason
▲ Emancipation Proclamation(P)

Society *+Modern Medicine*
Advanced Urban Planning
❖ Mega Mines(P)
★ Urban Planner

Society *+Advanced Composites*
Arcologies
■ Arcologies(G)

Society *+ Robotics*
AI Surveillance
■ Security Monitor(E)
★ Spy Plane

Environment
Agriculture
✪ Farmer
★ Warrior

Environment *+Astronomy*
Water Lifts
❖ Farms(F)
★ Scout

Environment *+Brick Making*
Granaries
■ Granary

Environment *+Masonry*
Aqueducts
▲ Hanging Gardens(F)
■ Aqueduct(F)
❖ Latifundia

Environment *+Dark Ages*
Agricultural Revolution
❖ Advanced Farms

Warfare *+Gothic Architecture*
Joinery
★ Onager

Construction *+Theology*
Loom

Energy *+Oil Refining*
Internal Combustion
★ Troop Ship

Environment *+Intern Combustion*
Mass Transit
■ Public Transportation(G)

Environment *+Global Economics*
Conservation
■ Recycling Plant(H)
❖ Nature Preserve(G)

Energy *+Quantum Physics*
Fuel Cells
■ Eco Transport(H)

Medicine *+Gene Therapy*
Cybernetics
★ War Walker

Engineering *+Nano Warfare*
Smart Materials
❖ Mega Sea Mines(P)
★ Dreadnought

Energy *+Toolmaking*
Wheel
❖ Roads

Warfare *+Agriculture*
Tribes
★ Advanced Warrior

Environment
Wood Working
■ Stockade

Energy *+Composite Bow*
Ballistics
★ Belfroi

Energy *+Industrial Rev*
Electricity
■ Movie Palace
❖ Listening Post

Energy *+Naval Aviation*
Radar
■ Flak Tower(D)
❖ Radar Station(D)
★ Mobile Sam

Energy *+Corporate Republic*
Computer
■ Computer Center(S)

Flight *+Radar*
Guided Weapons
★ Cruise Missile

Energy *+Quantum Physics*
Nuclear Power
■ Internet
■ Nuclear Plant(P
★ Nuclear Sub
★ Nuke

Energy *+Advanced Composites*
Superconductor
▲ Field Dynamics Lab(S)
❖ Magleys

Energy *+Genetics*
Neural Interface
▲ VR Amusement Park(H)
★ Cyber Ninja

Medicine *+Digital Encryption*
Neural Reprogramming
■ Behavior Mod Center(E)

Medicine *+Religion*
Ceremonial Burial

Medicine *+Granaries*
Herbalism
▲ Valley of the Kings(G)
■ Apothecary(G)

Medicine *+Philosophy*
Hippocratic School
■ Physician

Medicine *+Concrete*
Plumbing
■ Bath House(G)

Medicine *+Chemistry/Ind Rev*
Pharmaceuticals
▲ Penicillin(F)
■ Drugstore(G)

Medicine *+Corporation*
Modern Medicine
■ Hospital

Medicine *+Robotics*
Genetics
▲ Genome Project(P)
■ Hydro Dome(E)
★ Moray Striker

Medicine *+Chaos Theory*
Gene Therapy
▲ World Peace Center(H)
★ Empathic Diplomat

Medicine *+Digital Encrypt*
Human Cloning
■ Incubation Centre(G)

Medicine *+Gene Therapy*
Genetic Tailoring
★ Kraken

Medicine *+Cybernetics*
Life Extension
▲ Body Exchange(G)

Government *+Caliphate A* *+Dark Ages*
Caliphate
▲ Mecca(S)
★ Janissary
★ Mameluke

Society *+Caliphate*
Islam
▲ Mecca(S)

Government *+Caliphate*
Sultanate
▲ Golden Horn(D)
★ Saphia

Society
Writing

Government *+Religion*
Dynasty
❖ Outpost
★ Diplomat
★ Migrant

Society *+Monotheism*
Jurisprudence
▲ Code Of Hammurabi(E)
■ Courthouse(E)

Warfare *+Metal Working*
Citizenship
★ Phalanx

Government *+Trade*
City State

Government *+Iron Working*
Dictatorship
★ Praetorian

Society *+Black Smith*
Feudalism
■ Castle

Society *+Classical Ed*
Printing Press
▲ Gutenberg's Bible(H)
■ Publishing House(S)

Society *+Renaissance*
Nationalism

Government *+Age Of Reason*
Democracy

Society *+Mass Media*
Criminal Code
▲ Zero Crime Bill(E)
■ Correctional Facility(E)
★ Lawyer

Government *+Corporation*
Corporate Republic

Warfare *+Supersonic Flight*
Global Defense
▲ The Agency(D)

Economics *+Nuclear Power*
Global Communications
▲ Globesat(D)
★ ABM

Government *+Robotics*
Technocracy

Physical Science *+Computer*
Chaos Theory
★ Hover Infantry

Energy *+Nano Assembly*
Fusion
■ Fusion Plant(P)
★ Fusion Tank