Gaia 3D Solutions
Curriculum Content 2013

Arts and Humanities

Art and Music
- Barbican Theatre
- Cupid
- Venus
- Globe Theatre
- Hermes
- Orchestra
- Sculptures
- Theatres
- Woodwind instruments - Piccolo, Flute, Oboe, Clarinet, Saxophone, Bassoon, Recorder
- Strings - Violin, Viola, Cello, Double Bass, Harp, Guitar
- Percussion - Timpani, Bass Drum, Snare Drum, Triangle, Xylophone, Glockenspiel
- Keyboard - Piano, Harpsichord, Organ, Synthesizer
- Brass - Trumpet, French Horn, Trombone, Tuba
- Trumpet Notes
- Drum Kit Structure
- More...

Geography
- Coastal Environments
- Coastal Zone
- Globalisation
- Industry Living World
- Weather and Climate
- Volcano
- Tsunami
- Tropical storms
- Hurricanes
- Weather fronts
- Clouds
- Precipitation
- Weather forecasting
- Flooding
- Erosion
- Tectonic Plates
- More...

Physical Education
- Blood
- Bone Structure
- Cardiovascular System
- Circulatory system
- Blood vessels
- The heart
- Heart rate
- Blood pressure
- The skeleton
- Spinal column
- The Respiratory System
- More...

History
- Great Britain (1815-1851)
- The Great Plague
- Tutankhamen
- Victorian Classroom
- The Vote
- World War I Trenches
- Medicine
- Roman Baths
- Public health (The Stuarts)
- Military and political propaganda
- Map of Giza
- A flying buttress
- Knight
- Persian Trireme
- Coliseum
- 18th Century trading vessel
- Slave Ship
- Native Americans
- More...

Religious Studies
- Church
- Buddhist Temple
- Mosque
- Citizenship
- Synagogue
- Childbirth
- Drug abuse
- More...

This is an overview of our subjects. We are constantly developing new curricula materials with teachers and welcome your feedback or queries at 3d@gaia-tech.com.

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GAIA TECHNOLOGIES

Sciences

Biology

- Circulatory System
- Cells
- DNA/RNA
- Digestive System
- Drugs
- Enzymes
- Food Chains
- Health
- Human Skeleton
- Insect Lifecycle
- Nervous System
- Photosynthesis
- Pond Ecosystem
- Reproduction
- Plant cell
- Animal cell
- The eye
- Mouth and teeth
- Enzymes
- Food chains
- Respiratory system
- Species adaption
- Skin
- Dissolved materials
- Muscles
- Animal lifecycle
- Photosynthesis
- Taxonomy – Tree of Life
- Meiosis and Mitosis
- Leaf Structure
- More...

Chemistry

- Atoms
- Chemical Patterns
- Earth and Atmosphere
- Periodic Table
- Fossil fuels
- Hydrological cycle
- Carbon nanotube
- Molecular Structure
- More...

Physics

- Renewable energy sources - wind, wave, solar, geothermal
- Nuclear power generation
- Batteries
- Basic atomic structure
- Solar system
- Phases of the moon
- Jet engine
- Electricity Generation
- Energy Efficiency
- Solar System
- Circuit Board Construction
- Potential – Energy
- Kinetic – Energy
- Static – Electricity
- More...

Design & Technology

- Alfa Romeo
- Axle
- Computer Model
- Dado
- Dovetail
- Engineering Models
- Engine Block
- Mortise and Tenon
- Olympic Stadium
- Ring Network
- Star Network
- V8 Engine
- Wood Joints
- Electronic Components
- More...

Maths

- Angles and Shapes
- Decimals
- Fractions
- Geometry and Algebra
- Measures
- The Number System
- Numbers and Algebra
- Percentages
- Statistics and Numbers
- Vectors
- Place Value
- Fractions, decimals and percentages
- Number operations
- Algebraic thinking
- Measurement and data
- Ratio and proportion
- Statistics and probability
- Data collection and presentation
- Ratio and proportion
- More...

ICT

- Communication
- Computer Systems
- Hardware
- Network Devices
- More...

Gaia has more than 4000 3D models in its curriculum and environments.

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Gaia
GAIA TECHNOLOGIES

Subject Summary

Art and Music
Biology
Chemistry
Design and Technology
Environments
Geography
History
Maths
Physics
Religious Studies

About Gaia 3D

Gaia 3D Solutions offers schools and students the opportunity to experience a fully interactive and immersive 3D learning experience.

Rather than receiving information passively, students engage and investigate the materials, guaranteeing a higher level of participation and comprehension.

We are the leading provider of IT solutions to schools. We can offer bespoke solutions of this unique and affordable teaching programme.

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