

Gaia Virtual Construction Site

Yata
VIRTUAL
CONSTRUCTION
SITE

Calculate the angle using trigonometry

Angle =

SUBMIT

The Gaia Virtual Construction Site software allows construction students to fully explore the environment, tools, materials, machinery and building techniques of a virtual construction site, providing an interactive and engaging learning experience for students. **The software features:**

- **An interactive, 3D construction site** - discover about the development and progression of a typical housing estate.
 - **Accurate models** – vehicles, tools and machinery models that can be zoomed in and out of and rotated 360 degrees in any direction.
 - **Health & safety investigations** – students can identify health & safety issues and complete H&S documentation.
 - **Different building techniques** – showing the different processes and materials covering wall building, roof trussing, wood joints, finishing trades and more.
 - **Quizzes based on industry-standard protocols** – identifying correct extinguishers and skip etc.
 - **Numeracy quizzes** – Pythagoras, trigonometry and area based calculations, based on real on-the-job calculations.
- Higher-level models – allowing students to investigate nuclear power, wind turbines, fracking and more.

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www.Gaia3D.co.uk/Virtual-Construction-Site