



Jerry Clay Academy
Subject Knowledge Organiser

Subject: Computing Year Group: 5 Term: Spring 1

Core Learning of This Unit: We are architects

- Understand the work of architects, designers and engineers working in 3-D
- Develop familiarity with a simple CAD tool.
- Develop spatial awareness by exploring and experimenting with a 3-D virtual environment
- Develop greater aesthetic awareness.

Prior Learning:

- We are game developers
- We are cryptographers

National Curriculum Statements:

- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing evaluating and presenting data and information

Key Vocabulary:

- Computer-aided design (CAD)
- Creative commons
- Photorealistic
- Render

Significant People

- Architects?