



Jerry Clay Academy  
Subject Knowledge Organiser

Subject: Computing Year Group: 3 Term: Spring 2

**Core Learning of This Unit: We are Network Engineers**

- To use network diagnostic tools to test and explore network connections

**Prior Learning:**

- We are programmers
- We are bug fixers
- We are presenters

**National Curriculum Statements:**

- Understand computer networks, including the internet; how they can provide multiple services.
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

**Key Vocabulary:**

- Internet
- Network
- Connection
- Cable
- Wi-Fi
- IP address
- Data
- Router
- Command prompt
- Web server
- Geolocation
- Transmit
- Domain name service
- Cache
- 

**Significant People**

- Vint Cerf and Robert E. Khan – Creators of the internet