

## Year 5 – Working Together on the Internet (Teach Computing -Sharing Information)- Core Knowledge and Skills

### Pupils know...

- that **systems are built using a number of parts**; that **computers can be connected together to form systems**; that a **computer system features inputs, processes, and outputs**; that **computer systems communicate with other devices**.
- data is transferred over networks in packets.
- **protocol: an agreed way of doing something.**
- **computers communicate using agreed protocols.**
- networked digital devices have unique addresses (IP addresses)
- how the internet enables effective collaboration.
- the internet allows different media to be shared

### *Computing Systems and Networks.*

### Pupils can...

- recognise the role that computer systems play in our lives (traffic lights, warehouses).
- identify tasks that are managed by computer systems, identify the human elements of a computer system.
- **recognise how information is transferred across the internet.**
- recognise that connected digital devices allow us to access shared files stored online.
- send information over the internet in different ways
- **make thoughtful suggestions on their group's work online.**
- **identify different ways of working together online.**
- recognise that working together on the internet can be public or private.