Leconfield Computing Long Term Plan

Leconfield Primary School

Key
- Computer science
- Information technology
- Digital literacy

EYFS
- Mouse and keyboard skills
- Digital art and design
- Early programming
- E-safety

Year 1
- Mouse and keyboard skills
- 3D Design
- Comic Creation
- E-safety
- Digital Art
- Text and images
- Music creation
- Introducing programming.

Year 2
- Data handling
- Developing programming
- Internet research
- Scratch junior
- Ebook creation
- Animation
- Digital art
- Uses of IT

Year 3
- E-safety
- Infographics
- 3D design
- Programmin g in Kodu
- Programming in scratch
- Digital art
- Storyboard
- Comic creation
- Branching databases
- Document creation
- Digital music creation
- E-safety

Year 4
- Inside a computer
- Ebook creation
- 3D design
- Internet research
- Programming in scratch
- Data handling
- Animation
- Video editing
- E-safety

Year 5
- Computer networks and the internet.
- Physical devices.
- Ebook creation
- Music creation
- Operating systems
- Programming in scratch
- App design
- Text based programming
- E-safety

Year 6
- Binary code
- Python programming
- Image editing.
- Data detectives
- Programming in scratch
- Graphic design
- Computers past and present
- HTML
- E-safety

E-safety runs throughout the year in all year groups. Children are taught about using the internet safely at home and school. This begins in Nursery when children are using the interactive board and the ipads and continues throughout school.