

Kindness

Compassion

Justice

Forgiveness

Integrity

Peace

Courage

Humility

Year 1

As **computer technicians** we will:

Investigate common uses for IT.

Explain the need for passwords and saving work.

Solve problems using keyboard and mouse skills.



Year 2

As **programmers** we will:

Evaluate simple programs using logical reasoning

Explain what algorithms are

Create and debug simple programs



Year 3

As **computer technicians** we will:

Investigate network components

Explain how computer networks provide multiple services

Explain how data is transferred through computer networks



**Spring 2 -
Love Jesus, Love Learning, Love Life**

Year 4

As **programmers** we will:

Investigate abstraction and pattern recognition

Explain decomposition and how it facilitates problem solving

Create and debug programs that accomplish specific goals



Year 5

As **programmers** we will:

Explain how Scratch can be used to create tunes

Create music including loops using programming language

Create a range of programs to accomplish specific goals



Year 6

As **data handlers** we will:

Enquire how computer networks provide multiple services

Explain how barcodes and QR codes work

Create a range of content to present data



Remember



Explain



Solve



Enquire



Evaluate



Create