End of Year Expectations
Computing
Year 5

SMSC

Spiritual Development – Use of Imagination & creativity in their learning
                              Willingness to reflect on their experiences
Moral Development –   Ability to recognise the between right & wrong
                              Consequences of actions & behaviour
                              Investigation moral & ethical views
Social Development -   Working with peers
                              Recognising rights of others
Cultural development – Appreciation of different cultures
                              Investigating & understanding national & global communities

MATHS

I can explore different viewpoints whilst designing a building
I can explore the effects of moving points to alter the shape of a vehicle whilst maintaining its form
I can explore how to edit polygon 3D models to design a model for purpose
I can print my design as a 2D net and then create a 3D model
I can use formula to convert measurements
I can use spreadsheets to calculate the area and perimeter of a shape
I can use text variables to perform calculations
I can use a spreadsheet to plan an event

SEN

The use of technology to train or rehearse: to support pupils with SEN gain literacy and numeracy skills e.g. lexia & maths games
The use of technology to assist learning removing barriers to communication and interaction.
The use of technology to enable learning: technology plays an active role in the learning process, perhaps by asking questions, intervening in an activity or presenting interactive scenarios or simulations.

LITERACY

I can write informative instructions for my game so that other people can play it
I can create a basic concept map
I can understand how a concept map can be used to retell stories and information

CAREERS

App developer	Software Engineer
Video Game designer	IT Security Specialist
Computer Systems Analyst	Web Designer
Technology Manager	Database Administrator
Network Administrator	Cyber Security Analyst
Data Analyst	Special Effects Artist
Multimedia editor	Office Worker
Teacher	Business Manager

COLLABORATION

Working in groups to produce a collaborative piece of work
Class blogs showing links to the community and informing parents of learning.
Use of QR codes on displays & in books to bring learning to life.