CGPS Computing Curriculum Journey

A level

GCSE

Secondary school

Key

AL	Algorithms
CS	Computing systems
CM	Creating media
DI	Data and information
DD	Design and development
ET	Effective use of tools
NW	Networks
PG	Programming
SS	Safety and security
IT	Impact of technology

Autumn Spring Summer

Next steps

Summer: Variables in games **PG, AL**

Spring: Communication and collaboration **NW, CS**; Safer Internet Day **SS**

Autumn: Introduction to spreadsheets **ET, DI**

Year 6

Summer: Selection in quizzes **AL, PG**

Spring: Selection in physical computing **PG, CS**; Safer Internet Day **SS**

Autumn: Flat-file databases **DI, ET**

Year 5

Summer: Repetition in games **PG, DD**

Spring: Repetition in shapes **AL, PG**

Autumn: The internet **NW, SS**

Year 4

Summer: Events and actions in programmes **PG, DD**

Spring: Sequencing sounds **ET, CM**; Safer Internet Day **SS**

Autumn: Connecting computers **NW, CS**

Year 3

Summer: Pictograms **PG, AL**

Spring: Digital photography **ET, DD**; Safer Internet Day **SS**

Autumn: IT around us **NW, CS**

Year 2

Summer: Programming animations **PG, DD**

Autumn: Digital painting **ET, CM**

Spring 2: Safer Internet Day **SS**; Moving a robot **AL, PG**

Year 1

Autumn: Technology around us **CS, AL**

Spring: Play-based learning **SS, IT**; Hands-on experiences **PG, ET**

Summer: Cross-curricular learning **CS, CM**; Safer Internet Day **SS**

EYFS

EdTech @CGPS

National Centre for Computing Education

NOS CERTIFIED SCHOOL 2021-22

Catton Grove Primary School