Pendragon Community Primary School
Computing Long Term Plan

Theme Key:

Coding and Computational Thinking	Spreadsheets	Internet and Email	Art and Design	Music	Database and Graphing	Writing and Presenting	Communication and Networks

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
EYFS										See Cubs/Kittens Long Term Plan																						

See Cubs/Kittens Long Term Plan
Children to have daily assess to computer including Purple Mash

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

Year 1

- Unit 1.1 Online Safety & Exploring Purple Mash — Weeks – 4 — Programs – Various
- Unit 1.2 Grouping & Sorting — Weeks – 2 — Programs – 2DIY
- UNIT 1.3 Pictograms — Weeks – 3 — Programs – 2Count
- Unit 1.4 Lego Builders — Weeks – 3
- Unit 1.5 Maze Explorers — Weeks – 3 — Programs – 2Go
- Unit 1/6 Animated Story Books — Weeks – 5 — Programs – 2Create A Story
- Unit 1.7 Coding — Weeks – 6 — Programs – 2Code
- Unit 1.8 Spreadsheets — Weeks – 3 — Programs – 2Calculate
- Unit 1.9 Technology Outside School — Weeks – 2 — Programs – Various

Year 2

- Unit 2.1 Coding — Weeks – 5 — Programs – 2Code
- Unit 2.1. Online Safety — Weeks – 3 — Programs – Various
- Unit 2.3 Spreadsheets — Weeks – 4 — Programs – 2Calculate
- Unit 2.4 Questioning — Weeks – 5 — Programs – 2Question, 2Investigate
- Unit 2.5 Effective Searching — Weeks – 3 — Programs – Browser
- Unit 2.6 Creating Pictures — Weeks – 5 — Programs – 2PaintAPicture
- Unit 2.7 Making Music — Weeks – 3 — Programs – 2Sequence
- Unit 2.8 Presenting Ideas — Weeks – 4 — Programs – Various

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Year 3	Unit 3.1 Coding — Weeks – 6 — Programs – 2Code						Unit 3.2 Online Safety — Weeks –4 — Programs – Various			Unit 3.3 Spreadsheets — Weeks – 6 — Programs – 2Calculate							Unit 3.4 Touch Typing — Weeks – 4 — Programs – 2Type						Unit 3.5 Email (Including Online Safety) — Weeks – 6 — Programs – 2Email, 2Connect, 2DIY						Unit 3.6 Branching Databases — Weeks – 4 — Programs – 2Question				Unit 3.7 Simulations — Weeks – 3 — Programs – 2Stimulate, 2Publish			Unit 3.8 Graphing — Weeks – 3 — Programs – 2Graph			

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Year 4	Unit 4.1 Coding — Weeks – 6 — Programs – 2Code						Unit 4.2 Online Safety — Weeks – 4 — Programs – Various				Unit 4.3 Spreadsheets — Weeks – 6 — Programs – 2Calculate						Unit 4.4 Writing for Different Audiences — Weeks – 5 — Programs – 2Email, 2Connect, 2DIY					Unit 4.5 Logo — Weeks – 4 — Programs - Logo				Unit 4.6. Animation — Weeks – 3 — Programs – 2Animate			Unit 4.7 Effective Search — Weeks – 3 — Programs – Browser			Unit 4.8 Hardware Investigators — Weeks - 2	

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Year 5	Unit 5.1 Coding — Weeks – 6 — Programs – 2Code						Unit 5.2 Online Safety — Weeks – 3 — Programs – Various			Unit 5.3 Spreadsheets — Weeks – 6 — Programs – 2Calculate						Unit 5.4 Databases — Weeks – 4 — Programs – 2Question, 2Investiagte				Unit 5.5 Game Creator — Week – 5 — Programs – 2DIY 3D					Unit 5.6 3D Modelling — Weeks – 4 — Programs – 2Design and Make				Unit 5.7 Concept Maps — Weeks – 4 — Programs – 2Connect				

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Year 6	Unit 6.1 Coding — Weeks – 6						Unit 6.2 Online Safety		Unit 6.3 Spreadsheets — Weeks – 5					Unit 6.4 Blogging — Weeks – 5					Unit 6.5 Text Adventures — Weeks – 5					Unit 6.6 Networking — Weeks – 3			Unit 6.7 Quizzing — Weeks – 6						

| | Programs – 2Code | Weeks – 2 Programs – Various | Programs – 2Calculate | Programs – 2Blog | Programs – 2Code, 2Connect | | Programs – 2Quiz, 2DIY, Text Toolkit, 2Investiagte | |