CARR JUNIOR SCHOOL COMPUTING LONG TERM PLAN 23-2024

	YEAR 3	YEAR 4	YEAR 5	YEAR 6
AUTUMN 1	Computing systems and networks 1 + 1 online safety	Computing systems and networks + 1 online safety	Computing systems and networks + 1 online safety	Computing systems and networks + 1 online safety
AUTUMN 2	Programming Scratch + 1 online safety	Programming 1 Scratch + 1 online safety	Programming 1 Music + 1 online safety	Programming Python + 1 online safety
SPRING 1	Data handling + 1 online safety	Data handling weather + 1 online safety	Data handling Mars Rover 1 + 1 online safety	Data handling 1 + 1 online safety
SPRING 2	Computing systems and networks 2 + 1 online safety	Programming 2 Comp Thinking + 1 online safety	Programming 2 Micro bit + 1 online safety	Data handling 2 + 1 online safety
SUMMER 1	Creating media	Creating media web design + 1 online safety	Creating media Stop motion + 1 online safety	Creating media History of computers + 1 online safety
SUMMER 2	Computing systems and networks 3	Skills Showcase HTML	Skills Showcase Mars Rover 2	Skills Showcase inventing + 1 online safety

Kapow

We chose Kapow Primary to help deliver Computing because it allows us to have a more ambitious coverage of the National Curriculum, ensuring that pupils make progress in all areas. It has a variety of lessons that expose pupils to various applications, programs and hardware. This variety ensures that each lesson is engaging and challenging every week. The Computing curriculum is currently delivered by 1 teacher throughout the school, however this scheme is very user friendly and even the less confident members of the team would be able to deliver it in the future.

Areas covered include:

- Digital literacy
- Online safety
- Computational thinking
- Computers and hardware
- Coding
- Cross-curricular application

Coverage

Kapow allows us that 'more ambitious' coverage of the National Curriculum, it is regularly updated. This provides teachers with confidence that the coverage is being met. Online safety lessons (Content mapped to 'Education for a connected world') will take place as 1 lesson after each unit. This will provide continual coverage throughout the academic year. Alongside this, Online Safety is also covered as a whole school approach in assemblies following the SMART (safe, meeting, accepting, reliable, tell) message and any other topics that may seem suitable throughout the year eg. safe use of social media or online reputations. There will also be weekly online safety advice for parents in the newsletter and regular tweets (Using material from internet matters.org).

Tailoring Kapow

There is such a vast number of quality resources that we can pick and choose those that fit the specific needs of the children at Carr Junior School. Where they can fit with a 'big idea' then they will. However sometimes they may be stand alone computer units (eg coding with Scratch or BBC Micro:bits).

Impact of using Kapow

It gives confidence and structure to Computing lessons which in turn makes for a better learning experience for the pupils. Children are exposed to a greater variety of applications, software and hardware. Pupils become more confident in using 'new' programs, which in turn makes them better prepared for the future.

At the end of each unit there are simple self assessment multiple choice questions that can give the CT a fairly accurate picture of where each pupil/class is in their learning.