

Year 2: Computing and Online Safety

Physical Algorithms

Scratch Junior is a **coding programme** that allows you to create your own interactive stories and games!

You will be snapping together graphical **programming blocks** to make characters move, jump, dance and sing.

You can also modify the characters in the **paint editor**, add your own voices and sounds, and **insert photos** to help you to make your **character** come to life.

In Computing lessons, you will be accessing the following adventure programs:

- Drive Across the City
- Run a Race
- Dance Party
- Meet and Greet

While **creating algorithms** and **debugging** when you come across any issues, you will be able to pick backgrounds and characters and use motion blocks to speed up, slow down and stop characters. As you progress, you will be able to make the characters dance and even send messages to each other!



Managing Information Online

Do you **believe** everything that you see on the internet?

Why should we **take a break** from our devices sometimes?

Why shouldn't you **open a message** from someone that you don't know?

You will be learning to **PAUSE** and **THINK** about everything you come across online so that you can stay safe!

Use your head when you're online
Most especially your mind
Think about the things you see
Ask good questions—that's the key

Use your arms when you're online
To take a break and balance time
And leave your tech behind
When you find yourself a tree to climb

CRC Article 29: All children have the right to be the best that they can be.

CRC Article 19: All children have the right to be safe.



Vocabulary

adventure	Trying out new worlds and stories.
algorithm	A simple set of instructions.
believe	To accept something as truthful.
character	A person in a book, game, play or film.
coding	The process of writing computing programs.
debug	To identify and remove errors from algorithms.
paint editor	Scratch's built-in image editor to design backgrounds and characters.
pause	To stop what you are doing.
programming blocks	A series of buttons used to tell characters what to do in a program.
safe	To be protected from risk, harm or danger.
Scratch Junior	A coding programme used to create interactive stories and games.
think	To consider something.