VOCABULARY

Beat sequencer	Interface for creating a repeating percussion pattern, showing at which beat in a set of bars individual instruments are hit.
Live loops	Garageband tool for creating and performing electronic music, in which multiple samples are played with synchronisation managed by the software.
Stave	Traditional musical notation in which pitch is represented by the height of the line on which the note is drawn, and duration by the shape of the note.
MIDI	'Musical instrument digital interface' originally a standard for connecting electronic instruments, now used for the associated file format in which note pitch, duration and velocity are specified, allowing subsequent playback using different instruments voices or samples.
Velocity	The volume of individual notes- mirroring the speed and force with which piano keys are pressed determines the volume of the notes played.

WHAT SHOULD I ALREADY KNOW?

· I can use technology purposefully to organise, store and retrieve digital content.
· I can use technology purposefully to create and manipulate digital content.

STICK KNOWLEDGE

– Devices, programs and internet services can all link together to accomplish a given goal.
– Use sequence and repetition; work with various forms of Input and output.
– Understand computer networks can provide multiple services and opportunities for communication and collaboration.
– How to compose or edit tunes using the piano roll (pitch and duration) tool.
– Perform electronic music using pre-recorded loops and create loops.
– How to create multi-track composition or performance using multiple instruments.

Sergey Brin: Sergey Mikhaylovich Brin is an American computer scientist and Internet entrepreneur. Together with Larry Page, he co-founded Google. Brin was the president of Google's parent company, Alphabet Inc., until stepping down from the role on December 3, 2019.

Weaving Concepts

Logical Thinking   Communicate   Online Safety