

Computing: We are Musicians Y4 T1

Learning link

In year 1 you used Garageband to create rhythms 'We are rhythmic.'

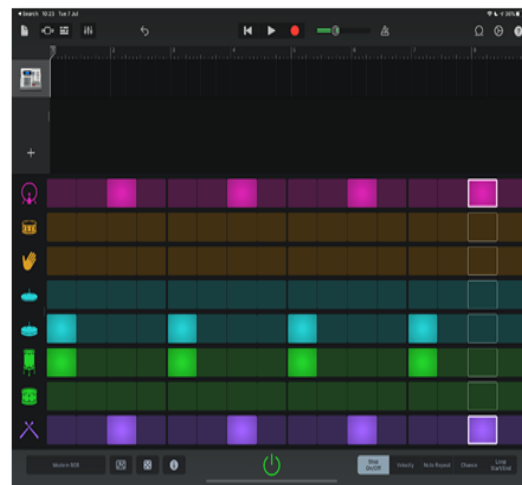
In this unit, you will use Garageband again to create a multi-track composition.

Key learning

Software and tools such as GarageBand allow users to compose and record music.

Sounds can be recorded onto GarageBand, but it also contains a range of virtual **touch instruments** and samples (short pieces of recorded audio) that can be played, recorded and arranged into a musical composition.

When creating a percussion sequence in GarageBand, the **beat sequencer** allows users to add, view and edit easily when different sounds are playing. The complete sequence can also be recorded in this view.



Did you know?

GarageBand has a **piano roll** view where detailed editing can take place. The term 'piano roll' comes from an earlier form of music-storage technology first introduced in the 19th century. The piano roll was made up of long rolls of paper punched with holes to show the position of different musical notes.



Vocabulary

beat sequencer	A grid representation for creating a repeating percussion sequence, which helps to show exactly when individual instruments are hit.
live loops	A GarageBand tool for creating and performing electronic music, where multiple samples are played and synchronised by the software.
piano roll	An interface within GarageBand for controlling the pitch and duration of individual notes.
touch instruments	In GarageBand, this refers to the keyboards, strings and percussion instruments that can be played and recorded.
tracks	A GarageBand tool for combining and modifying music recorded, performed or created using the program.

Keeping safe

