

## 5 words to remember

**dataset:** a set of data from a group related to a particular topic

**field:** information in a database that relates to a single type of information, such as age

**record:** information in a database that relates to one individual or case, for example a library database would have a record for each book

**sprite:** a graphical character in a program that can be given instructions

**track:** a special path where we put sounds and instruments to make songs

## Knowledge check: Programming a sprite to meow



This **dataset** contains 8 **records**.

Each record has 4 **fields**: Name, Age, Height and Pet.

## Key takeaways

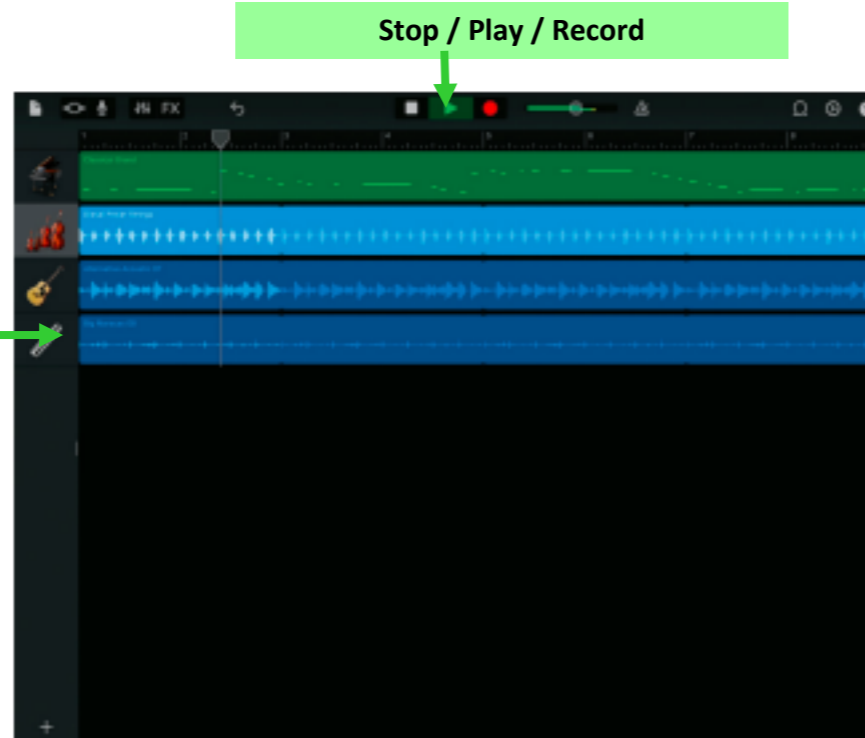
- ❑ In this unit, we will use GarageBand and ScratchJr to create our very own music.
- ❑ We will learn how to use an iPad to record our voices and fun sounds. It's like making magic musical messages!
- ❑ We will make **sprites** play back the sounds we recorded. It's like making our own music band!
- ❑ We will learn how to make exciting beats and rhythms that repeat.
- ❑ We will explore and play with lots of different instruments on GarageBand.

## Knowledge check: Multitrack recordings

In GarageBand, there is the option to have different instruments playing at the same time. This is called 'multitrack recording'.

After you have recorded the drums, click 'tracks view':

When you're ready to add more tracks, click the 'loops' button:



Each row is a different track / instrument.

## Knowledge check: Percussion patterns

We can use GarageBand to create a repeating percussion pattern.

Each coloured row is in charge of a different percussion instrument.

When you click on one of the boxes in the row it lights up, meaning it is on for that beat of the song.

**Test yourself:** What makes the best pattern?

