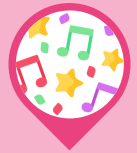


Music: Can you play what you hear? Have you ever wished you could play a song on the piano just by listening to it?



Collect data thanks to the board and its embedded sensors

If your students do not own a piano or keyboards, you may use the board to train them to play music by ear. You may play a song (e.g. https://www.youtube.com/watch?v=5M_YKXax2IA) and then ask them to use the board to reproduce the song using the music activity sheet.



Display the data to get the needed information

Ask your students to use the MakeCode blocks to reproduce the melody by setting the beat, tone, volume and tempo.



Analyse the data and learn from them

What have your students learnt about the songs' beat, tone, volume and tempo? Ask them to reflect on the learning outcomes and the difficulties they faced. Try other popular songs for extra practice.

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