

# E-Musikk

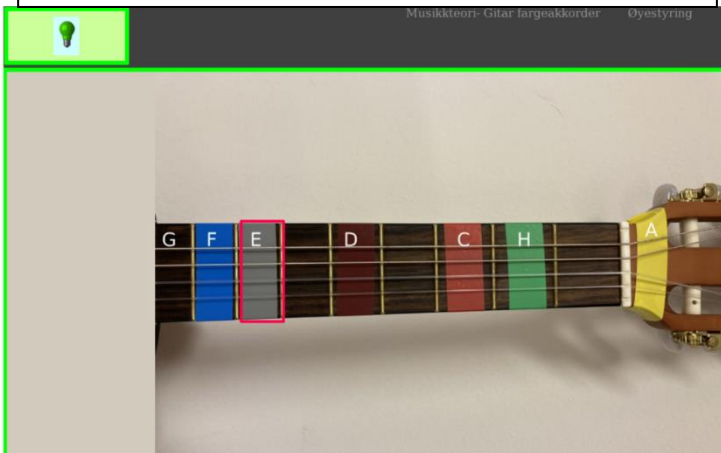
## Play with your eyes or switches



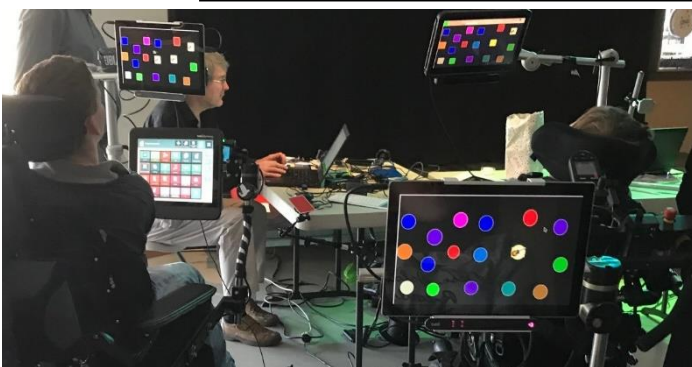
Here we see a SKUG pupil singing the National Anthem with her eyes.



One can, for example, play guitar chords by looking at positions on the neck of a guitar.



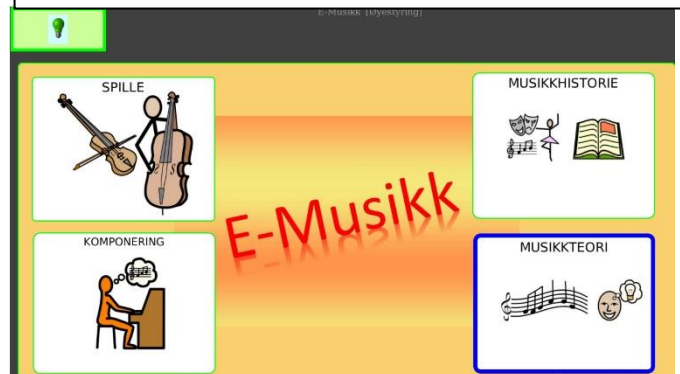
Find out how to play chords to accompany a song playing on Spotify.



Group of eye-gaze musicians playing together

Some people use eye- or switch-controlled computers to talk. E-Musikk makes it possible to also play musical instruments with your eyes or switches. By looking at buttons on the screen, you can play notes, chords or phrases.

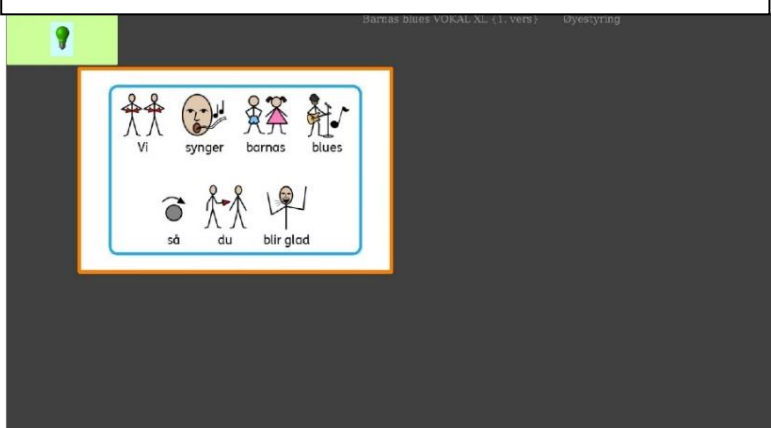
In E-Musikk there is a library of songs of different genres, and suitable for different age groups. Using or two switches, you can navigate through menus and choose which song to play, or swap between different verses or playing parts.



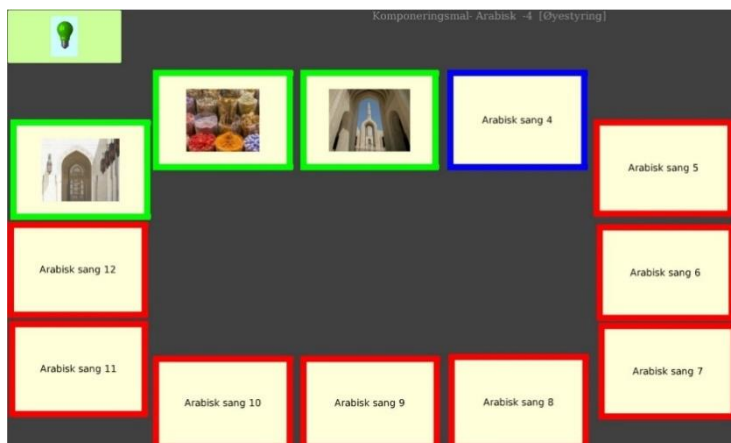
Start meny where you can choose a musical activity.

E-Musikk has several features that make it easier to get started playing, even if you are not used to using eye control. For example, the buttons on the screen can be made large, or you can organise the music and buttons in a sequence and display only one button at a time. In this way, you can be guided through playing a song.

In this example you can see a button with a phrase from the song Children's Blues. When you look at the button, it is sung, and then the next phrase / button will appear on the screen.



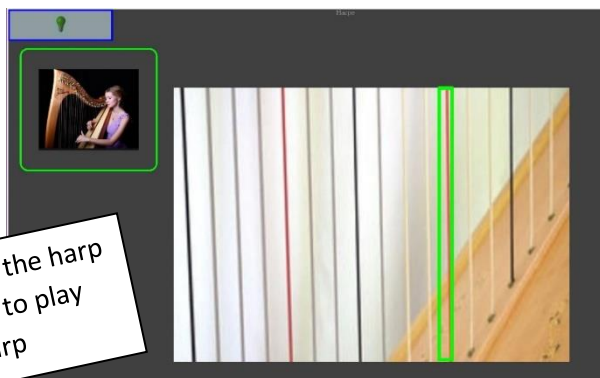
## Composing, music history and music theory



### Composing with eye-gaze or switches

When you look at a button, you can then go and choose one of several musical 'building blocks' (eg sounds or phrases). You are then led on to the next button in the composition. In this way, you go through the composing process until you have a finished composition. You can then play back the whole piece in order, or audition any button freely, or go and edit it to change some of the musical content.

In the **Music Theory** section, you can learn about rhythms and scales, explore instruments, or practice playing a melody from sheet music. Here, you can play Reodor's Ballade, by looking at one note at a time in order.



In the **Music History** section, you can look at buttons to read and hear (spoken) facts and musical examples about composers, musical genres or cultures. You can learn different topics yourself, or give an eye-guided lecture to the rest of the class. It is also possible to make your own lectures.



E-Musikk is being developed by the SKUG centre at Tromsø Kulturskole by Elin Skogdal, Tim Anderson and Einar Berg-Olsen, with support from Udir.

E-post: [elin.skogdal@tromso.kommune.no](mailto:elin.skogdal@tromso.kommune.no)

Tel: 0047 91586953 (mobile Elin) / 0047 77693300 (Tromsø kulturskole)

