The Sound Of Music – Gone Digital!

We plan to design and implement an animated music tutorial for young children.
The user will be able to associate a certain sound/note, within a range of a couple of octaves, with its name with the help of an asoociated video figure.
The function will be as follows:

- Each button on a "keyboard" will correspond to a different note on a particular instrument (TBC).
- When the user presses a "key", a sound is synthesised, the name of the note and a corresponding cartoon figure are displayed on the screen. These all act as teaching aids.
- The sequence of notes is recorded, as well as the corresponding visuals, and is played back on request.