

Exercise 4

Using Scratch build a simple animation that **MUST** include the following:

1. Only uses one thread (when green flag)
2. Uses at least 1 sprite and at least 2 costume changes for one sprite
3. Has a counter that has a maximum value of 30
4. When the counter reaches 5 – it plays a musical instrument.
5. When the counter reaches 10 – it plays a sound lasting for 1 second
6. When the counter reaches 15 – there is a costume change
7. When the counter reaches 20 – a text output is shown
8. You decide what happens when the counter reaches 25 and 30

Remember the above are the minimum your animation must do. You can add other sprites and effects after you have included the minimum requirements.

Once you finish show a mentor your completed project.

If you found the above relatively easy, why not have a go at creating the sound of a heart beat lasting 60 seconds and draw the heart trace on the screen.