

Year 4: Composing Beats



Themes

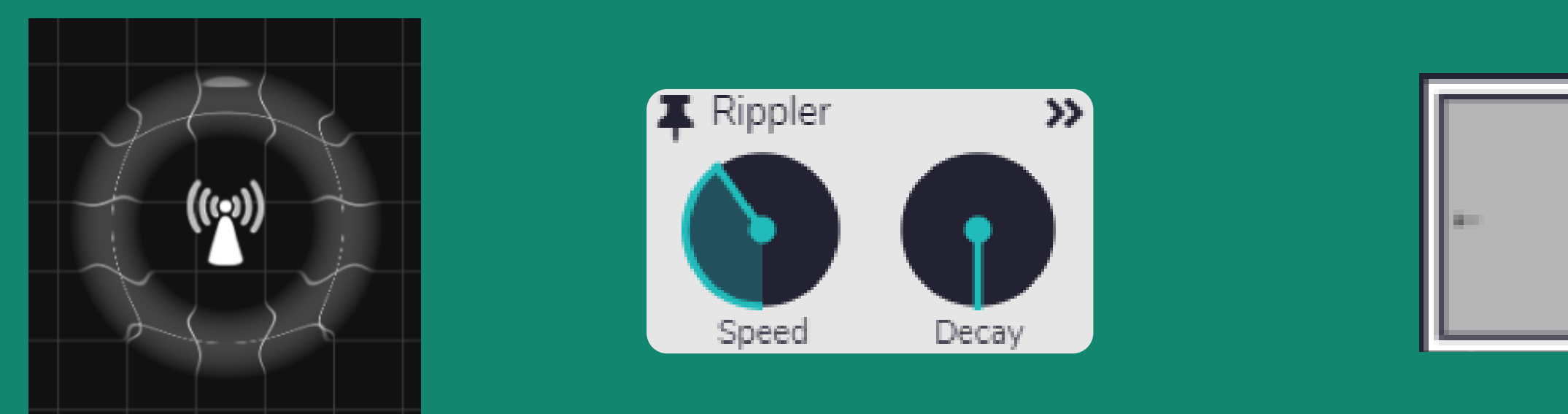
- Musical elements
- Rhythm and tempo
- Melody and pitch
- Composition

Tempo

85 bpm

bpm: beats per minute

Rippler and Ripples



- Speed - how often a ripple is sent out.
- Decay - the higher the decay, the sooner a ripple fades away.
- Door rippler - a setting which controls when a note is allowed to sound.

Samples



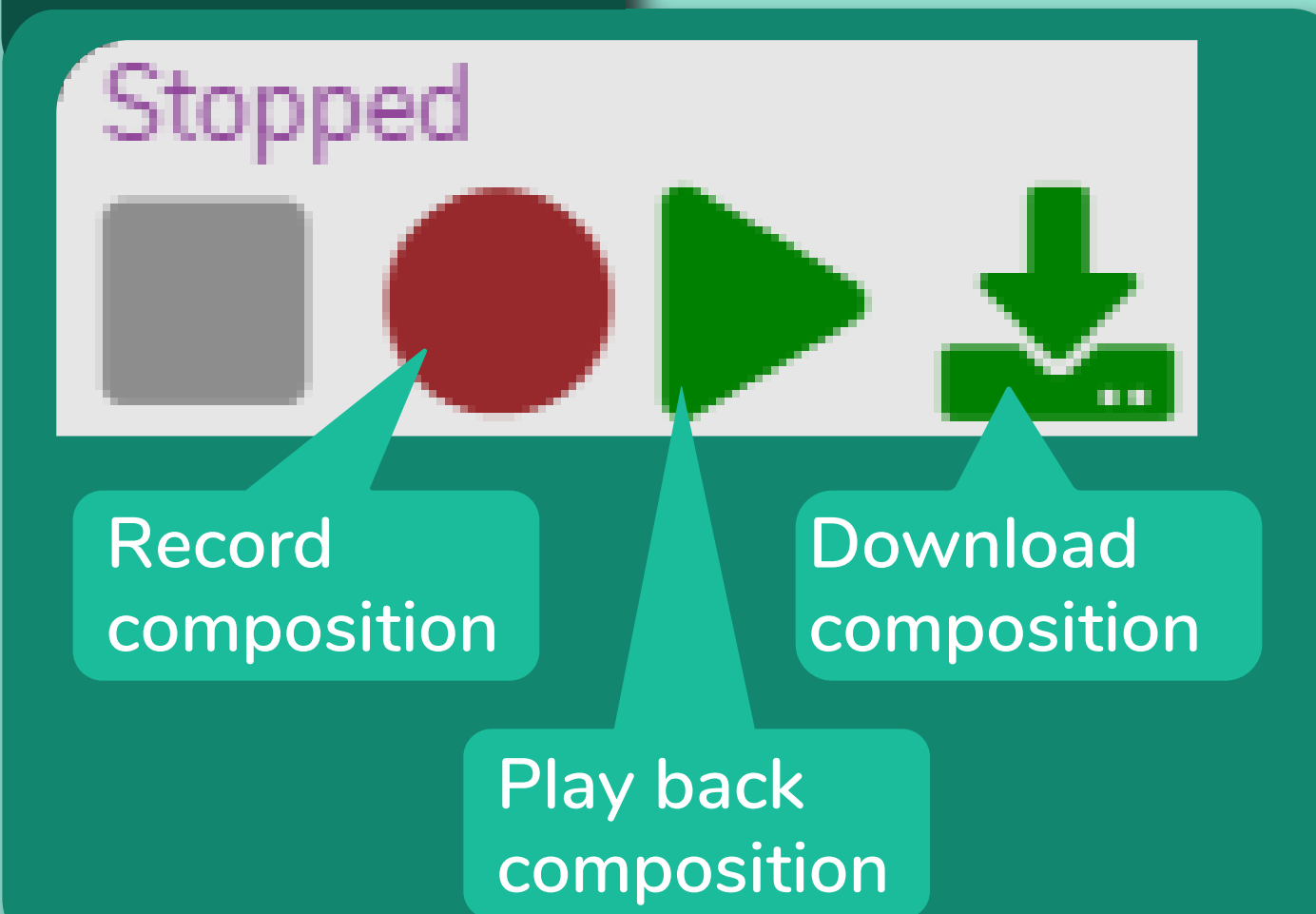
Sample: A short recording of a sound.



Controls

- Sample volume
- Sample pitch
- Reverse sample

Recording



Synth board - musical notes

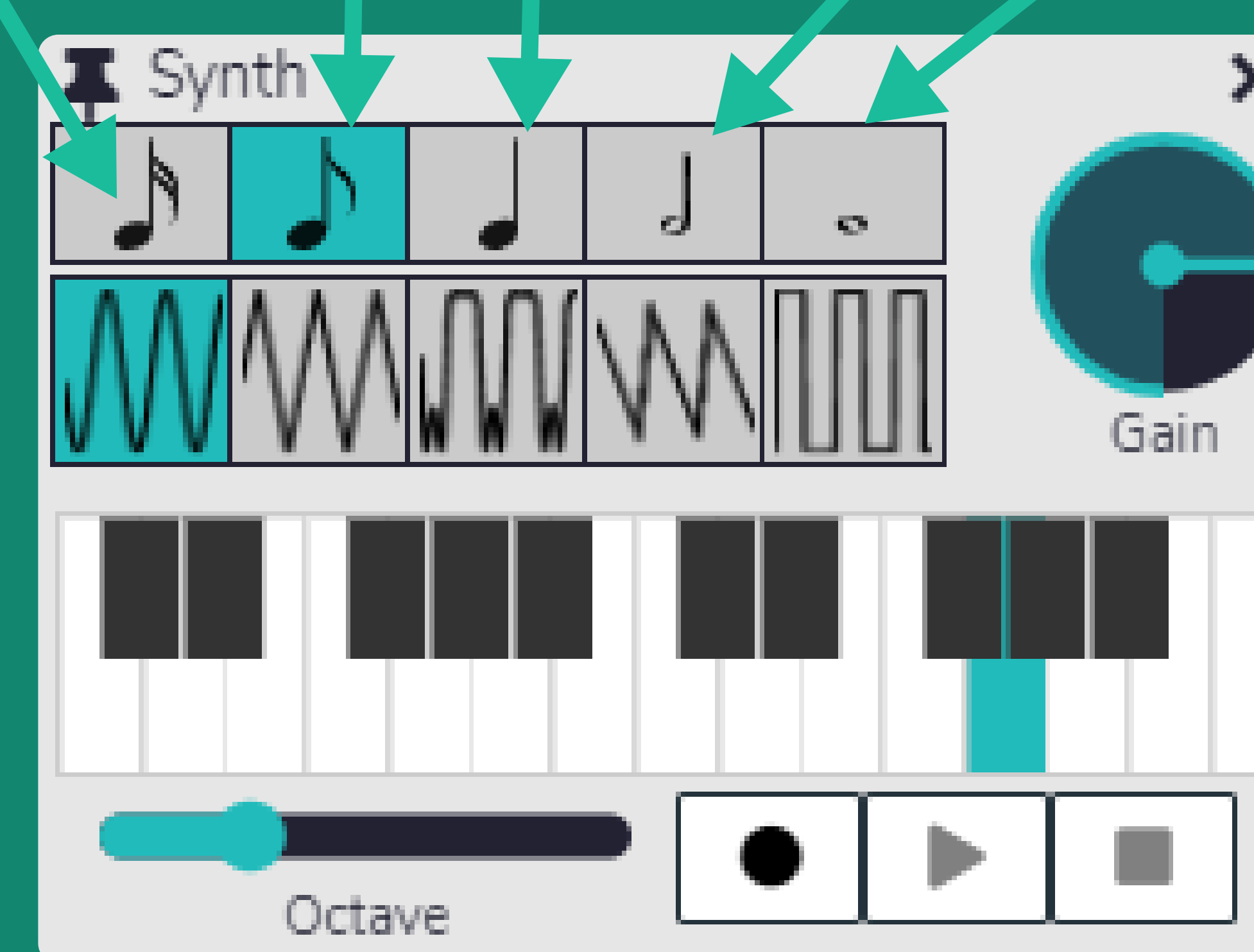
Synth - Electronic musical instrument sounds.



note E

octave 3 (pitch)

- semi-quaver quarter beat
- quaver half beat
- crotchet 1 beat
- minim 2 beats
- semi-breve 4 beats



note

Control:

- Length of the note
- Sound wave of the note - change texture
- Pitch - octave
- Volume of the note - gain
- Record a melody in place of the note

Terms and Meanings

- Dynamics How loud or quiet a sound is.
- Pitch How high or low a note is.
- Tempo How slow or fast a piece of music is.
- Rhythm A pattern of long and short sounds and silences.
- Melody A sequence of notes which make up a tune.
- Texture The way that different sounds and music elements are layered together to create a piece of music.
- Pulse The steady beat of a piece of music.