Community Music Schools of Toronto





KORG SQ-1 SEQUENCER MODE ACTIVE STE SLIDE STEP_JUN

Patch 4 **The Filter Patch**

Controlling timbre with a Voltage Controlled Filter (VCF). The filter adjusts the frequency content of the audio signal, allowing for selective filtering and coloring of the sound.

The **Frequency** knob determines the 'cutoff' point of the low-pass filter allowing harmonic content **below** that frequency to pass through to the amplifier. Lowering the cutoff frequency (turning Frequency knob counterclockwise) subtracts audible frequencies and creates a darker or 'muffled' sound.

The **Resonance** knob increases/reduces emphasis to the cutoff frequency.

Experiment with the different filter knob positions and relationships!



The sawtooth wave offers harmonic complexity for the filter to work with.

Amplifier (VCA): 'Level A' controls the amplitude (volume) of the sound signal for the 'A Input'.

Effects to Mixer or to DAW