

Additional Teacher's Notes

Optional Materials

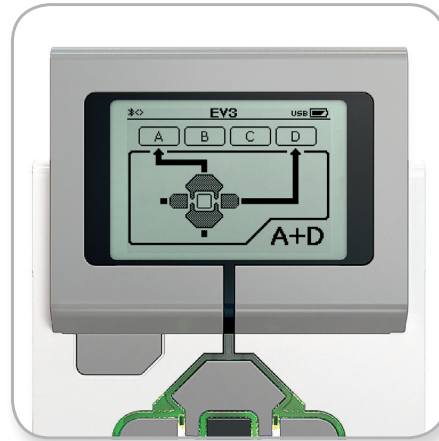
- Plastic or paper cups
- Small musical instruments, such as chimes, bells and small drums

Prior Learning

Before beginning this Maker activity, it is recommended that the pupils know how to use the on-brick motor control function and also how to program a motor to move.



Brick app screen



Motor control

Tinkering Examples

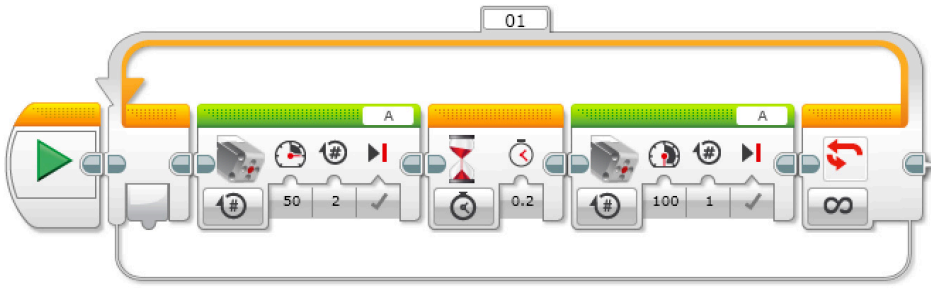
Some pupils may need a little inspiration and scaffolding to help them to get started. The pupils can remix an existing model or invent a new design.

Note: You are advised not to share these images with your pupils.



Sound Machine

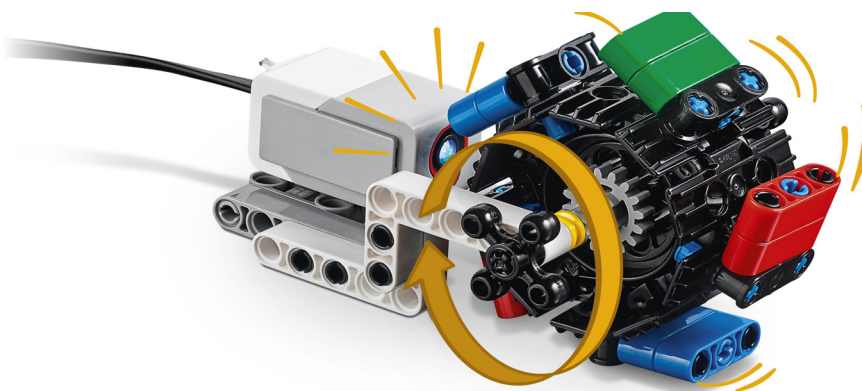
This example program combined with the small model will make a beat and rhythm on any surface when the program is run.



Tinkering Examples

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You can also tinker with the use of sensors.



Sound Machine

This program will play different sounds when the wheel is rotated. The sound is determined by which colour is placed in front of the Colour Sensor.

