Let's get started!

We've found that it's helpful to have the motor and battery pack connected together in a single unit when building art machines. Here are some “base models” that are helpful to get people started; they show examples of different types of motion that can be explored before attaching the markers.

In the Tinkering Studio, we think of these starting points as suggestions and inspirations for learners to take the ideas further—remix, iterate and complexify them as new directions for experimentation emerge.

For more instruction, photos, and videos, please go to: http://www.instructables.com/id/Tinkering-With-LEGO-Art-Machines/

Base Model 1: Off-set weight

This machine wobbles from the off-set weight!

Try different holes with different length of beams!

ON/OFF switch

Speed dial: Start slow! you can rotate the dial with a cross axle.

Base Model 2: Linkages

Base Model 3: Propulsion

This machine scoots along the ground!

Base Model 1 : Off-set weight

Base Model 2: Linkages

Base Model 3: Propulsion