

With HamiltonBuhl's Robo-Brush Kit, the entire class can participate in a hands-on exploration of simple robotics and engineering.

Easy to build, students will create a micro robot using the head of a toothbrush, a tiny motor and a battery. Once assemble and wired, the toothbrush bristles will turn into hundreds of fast moving legs propelling the robot to move and buzz around. Understanding kinetic energy and energy transference will go from an abstract concept to a tangible, observable experience.

But the fun doesn't stop there, with stickers and googly eyes, students can customize their Robo-Brush and then race them against each other.

With the activity guides and lesson plans, kids will have lots of fun while learning invaluable STEAM lessons and concepts wetting their appetites to explore and engineer more complex STEAM concepts!

## **Includes**

- 12 toothbrushes, 6 colors
- Party pack of stickers for making custom faces
- Pancake motor with leads
- Poster and 2-sided tape
- 12 3V Lithium battery and leads
- Race building instructions
- Comic strip
- Wire cutters

Caution: Possible choking hazard. Not for children 3 years and under.



Hamilto Buhl

Never-Ending Learning Innovation

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