

INTRODUCING THE ELECTRIC MOTORS CATALYST 30-STUDENT CLASSROOM MODULE



Our Electric Motors Catalyst STEM kits have been used in hundreds of classrooms to bring highly effective, deeply immersive learning experiences to elementary and middle school students around the world.

Designed to provide elementary school teachers with a highly effective, easy to use STEM solution. From the beautiful wood cabinet to the 192 pages of curriculum units, facilitation tips, and assessment guidelines, the Class-Pack was designed by teachers, for teachers, and makes project-based learning simple and effective.

EXCLUSIVELY FROM LAB-AIDS

For almost 60 years, Lab-Aids has been developing, manufacturing, and publishing core curriculum and that help students better understand science concepts through direct experience.

Our goal is to help teachers prepare a new generation of students for success both in STEM and in life by delivering learning experiences that help them learn STEM concepts and discover their own creative and problem-solving power.

Lab-Aids is your **exclusive source** for the Electric Motors Catalyst 30-Student Class Pack.

WHAT'S IN THE CLASS PACK?

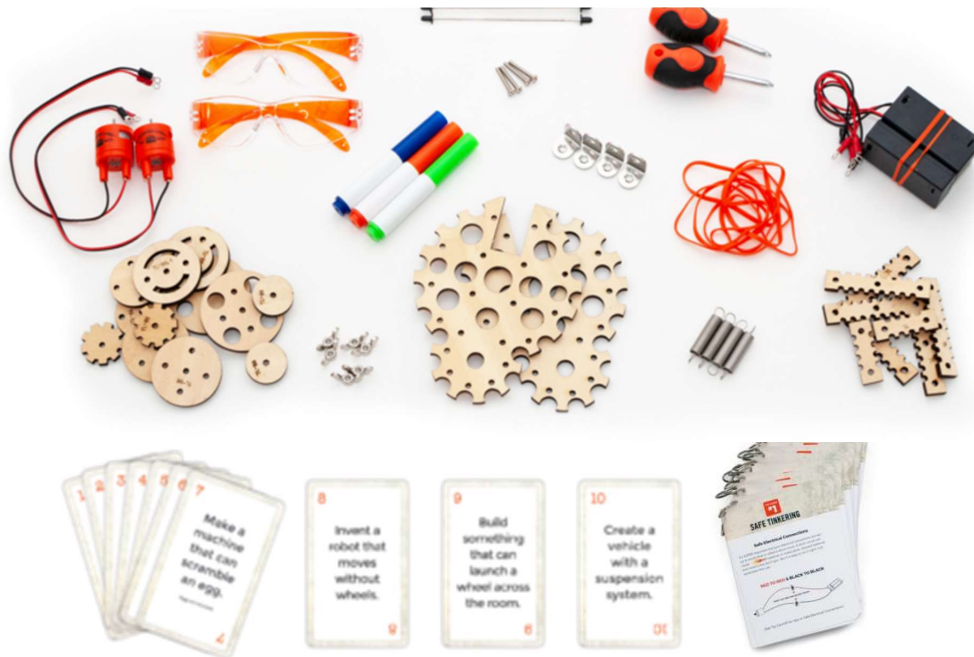
The Class-Pack is 15 sets of materials, for students working in pairs, supplemented with a collection of powerful teacher's aids and packaged for maximum classroom efficiency and effectiveness. The Class Pack includes:

For Students:

- Everything needed for 30 paired students to participate in hands-on projects simultaneously
- 15 decks of Challenge Cards, with 10 Challenges in each deck
- 15 decks of Tip Cards, providing tips and tricks to help students get started quickly

For Teachers:

- A **128-Page Curriculum Guide** that provides 4 NGSS Curriculum Units with 29 lessons. Each unit includes:
 - Next Generation Science
 - Performance
 - Disciplinary Core
 - Science & Engineering
 - Crosscutting
 - Activities for classroom
 - Phenomena for students to
 - Lessons giving students opportunities to wonder, test, invent, and play while important physical science concepts
 - Prompts for observations, discussion, and Formative assessments
- A **64-Page Challenge Guide** with detailed information for the 10 Challenges in the Challenge Card an additional 5 “Getting Started” Challenges. These Challenges are referenced by the Curriculum Guide and can also be used independently. The guide provides the following for each Challenge:
 - Disciplinary Core
 - Relevant NGSS
 - Visual list of required
 - Step-by-Step instructions with
 - Teacher
 - Discussion
- A **Beautiful Wooden Cabinet** with 10 drawers that neatly store all of the tinkering components. The comes with optional wheels that can be installed to make it easy to move it from room to room and convenient carrying handles. Instructions printed on the drawers and inside the drawers ensure that every part will always return to the right spot after exuberant tinkering sessions.
- A **Teacher’s Box** containing the guides, a Quick Start sheet, and a selection of spare parts to make sure always ready.



WHAT WOULD HAPPEN IF WE TRUSTED KIDS WITH THEIR OWN IDEAS?

Find out with the Electric Motors Catalyst 30-Student Class Pack. STEM curriculum at its best. Engaging challenges created for any student to follow their curiosity to design, test, tinker, and invent. Designed by teachers for teachers. Completely reusable. Proven in hundreds of classrooms.

Available now exclusively from Lab-Aids.



**TINKERING
LABS** Est. 2015



LAB-aids
Proven Science Programs