



engineeringworldhealth

ENGINEERING ACTIVITY = KITS =

Our Kits are based on biomedical devices and designed to introduce students to **engineering** and **circuitry** through hands-on experience.

Kits engage students in **STEM learning**, while the resources EWH provides emphasize the **real-world applications** of each lesson!



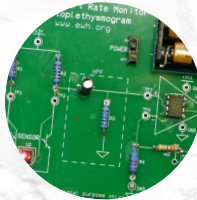
Optical Heart Rate Monitor Kits

Use reflection of light to detect heart rate

Available in a reusable, Plug & Play version **ideal for younger engineers** - no soldering required!

OHRM Kits include:

- Bare board and electronics components OR pre-soldered board for Plug & Play
- Assembly instructions and presentation
- Curriculum and lab activities



FOR STUDENTS GRADES 5-12

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*It's a thrill to watch students **gain confidence** and work together successfully to **solve problems** and accomplish a goal.*

-Rodney, UT Dallas

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Visit

<https://www.ewh.org/kits/>
for more info + to order!

Do you teach in a Title I School in the US?

Engineering World Health can bring STEM activities to your classroom for FREE.

Learn how to get free Kits at <https://www.ewh.org/kits/kits-for-classrooms/> or email

Kits@ewh.org for more information!