

Activity Description

Intended Audience

Estimated Cost

Project Duration

Design Challenge Kits

BeAM Education staff develop a **“maker design challenge”** that provides a hands-on, engaging way to explore critical concepts that are related to your research. As part of this package, BeAM staff will assemble **prototyping materials** and **instructional guides** into kits that can be delivered to your preferred educational organization.

K-12 Students
OR
General Public
Est. # Served:
20 - 100

\$1000+
(dependent on
of kits ordered,
minimum 20)

Development:
4-6 weeks
Activity Length:
50 minutes

Community Outreach Kits

BeAM Education staff develop a set of **hands-on tabling activities** that you and your research team can use at any outreach event (e.g. Community Cafes, School Science Night, etc.) This package includes **tools and models** made to your specifications in BeAM’s makerspaces, as well as **outreach training** for anyone on your team.

K-12 Students
OR
General Public
Est. # Served:
250+

\$4,000+
(dependent on
complexity of
activities)

Development:
4-6 weeks
Activity Length:
5-10 minutes

“Research and Making” Curriculum Unit

BeAM Education staff develop a unit of **standards-aligned curriculum** (typically 3-4 weeks of instructional material) that engages students in your research through hands-on maker activities. This package includes teacher guides, digital design files, and project examples that can be disseminated locally or online.

K-12 Students
Est. # Served:
30-60

\$5500+
(dependent on
of weeks and
activities in unit)

Development:
4-6 weeks
Activity Length:
3-4 weeks

Citizen Maker Project

The BeAM Design Center and BeAM Education staff create a **collaborative maker installation** in your choice of location, engaging the public in hands-on discussion and reflection of your research. For example, a project could pose a “critical question” related to your field that prompts visitors to respond through a proposed design or idea.

K-12 Students
OR
General Public
Est. # Served:
500+

\$10,000+
(dependent on
complexity of
installation)

Development:
4-6 months
Activity Length:
1-2 weeks