Best Practices for STEM and Community Engagement

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https://r5.ieee.org/pikespeak/leadership-multiplier

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STEAM/STEM and Community Engagement

- Q1: What is one STEM or community engagement activity in your Section that has led to **repeat participation** or **continued involvement**?
  - Engineers in the classroom
  - Weekly Programming/electronics club, educating local k-12 students about programming and stem
  - Kids STEM (Dallas Section)
  - Sportive events, game nights, workshops, real talks, luncheons

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- Q2: What specifically made that activity continue beyond a single event?
  - Follow-up probes:
  - Was there **mentorship involved**? Yes (2) No (1)
  - Did participants have a **clear next step**? Yes (2)
  - Was there **organizational support or structure**? Yes (2)

- Relationship w/library, volunteer continuity, repeatable curriculum
- Dedication of volunteers and getting the word out in the community has allowed the club to continue on for multiple years
- Engagement with schools and parents
- Increases frequency of events and community

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- Q3: Where do you typically see engagement drop off after a strong event?
  - Follow-up: Students? Yes (1) Volunteers? Yes (1) Parents? Yes (1) Industry?
- Lack of communication/survey feedback
- No follow-up,

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- Q4: Which of these activities could another Section realistically adopt within 30–60 days?
  - Our beginning activities could easily be replicated within 30-60 days, such as squishy circuits and first programs
  - Kids in STEM

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- Q5: If you could add one element to improve continuity in your Section, what would it be?
- Budget constraints

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STEM NIGHT
VOLCANO
STEM OUTREACH
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