Establishing Effective High School Outreach Programs

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Lessons Learned

- Southern California Biotech Center
  - Late 90s to early 2000s
  - Visited classrooms with activities in middle school and high school

- High School Biotechnology Classes
  - College prep designation
Outreach

- **Amgen Biotech Experience**
  - [https://www.amgenbiotechexperience.com/](https://www.amgenbiotechexperience.com/)
  - Gene to protein; bench-scale

- **Salk Mobile Science Laboratory**
  - [http://www.salk.edu/about/education_outreach.html](http://www.salk.edu/about/education_outreach.html)
  - DNA extraction and separation

- **MiraCosta’s Role**
  - Kit maintenance
Funding
- Sigma-Aldrich Global Citizenship Program

Equipment for Kits
- Amgen Biotech Experience: ~$20k of equipment
- Salk: ~$3k

Sustainability
- Service Learning