Alpha Chi: Reaching Out
Youth Programs by
Arkansas Beta

Purpose of This Session
1) To inspire your chapter to reach out to the communities in your city.
2) To inspire communication about chapter outreach around the country.
3) To explore funding opportunities to make outreach cheaper and more accessible.

Play-Doh Pictionary
1) Break into groups of 3.
2) There will be 3 rounds. The first group to correctly guess the topic wins a prize.
3) One person will draw a card and attempt to mold the word or phrase out of play-doh. During this time, their teammates will attempt to guess what the topic WITHOUT seeing the card!
4) When your team correctly guesses the topic raise your hands and we will declare the winner.

Examples of Outreach (from Arkansas Beta)

STEM (Science, Technology, Engineering, Math)

❖ Physics
  o The Value of Communication
  o Spaghetti and Marshmallow towers
    ▪ First without saying a word
    ▪ Then being able to talk
    ▪ All the groups improved when they could communicate!

❖ Elasticity and Potential Energy
  o The popsicle sticks, when bent, store PE like a spring.
- When they let go, the sticks to fly up.

- **The Atom and Elements**
  - Parts of the Atom
  - Emission Spectrums
  - Fireworks

- **Fun with Fire!**
  - Flame Ion Test
  - Burning Magnesium

- **Chemical Reactions**
  - Different Types of Reactions
  - Changing Properties

- **Fun with Reactions!**
- Fake Blood
- Dehydration of Sugar

**States of Matter**
Differences between solids, liquids, and gases
- How they react to physical changes
- Phase changes

**Solids, Liquids, and Gases! Oh My!**
- Baking Soda and Vinegar
- Liquid Nitrogen

**Impact:**
- We had 23 middle school students
- All willing to give up 3 hours on a Saturday
- It cost us less than $50 thanks to supplies grants!

**Student Quotes:**
- “It was good. It didn’t feel like a waste of a Saturday.”
- “I really want you guys to come back! I loved it!”
- “I want to change the world when I grow up. You guys inspired me!”

**What organizations can your chapter partner with to increase impact?**

**Who’s Money?**
- Existing Resources
- Kluck Student Enrichment Grants

**What funding opportunities can your chapter explore?**

**What opportunities do you have reach out to the communities in your city as a chapter?**

**How could you recruit students to help with your projects?**

Thank you!