UNIVERSITY OF CALIFORNIA Agriculture and Natural Resources



The CAMBP Outreach Essentials Guide

Contents for a fun, science-based honey bee outreach experience

Pollinator Education Program – E. L. Niño Bee Biology Lab

Children's Activity pages

- o <u>Honey comb maze</u>
- o Honey bee word search
- Insect Activity Packet
- o What's the Buzz English
- o What's the Buzz Spanish
- Worker bee activities

Children's activities supplies:

- Seed clay
- Poppy seeds
- <u>Biodegradable spoons</u>, <u>sharpies</u>, <u>tissue paper</u> and <u>pipe cleaners</u> for making pollinators
- Bags for seed balls
- Stickers to decorate bags
- Blooming seed paper

Packing list:

- Observation hive, preferably with a marked queen
- CAMBP Banner
- CAMBP outreach material Brochures and postcards
- Science display:
 - Microscopes
 - Wax petri dishes, insect pins, dissection kit
 - Varroa, SHB and honey bee samples to view under the microscope
- General supplies:
 - o Tape
 - Scissors
 - Plastic table cloths
 - Sanitary wipes/hand sanitizer
 - o Guest book/collect metrics on attendees for BEEs outreach
 - Batteries



Below are examples of what your club could put on display:

This link has many images you can use to demonstrate what our food would look like with and without bees. "Pollinate your Plate" series is by a <u>UC Davis Entomology student</u>

- The display 'plates' were made with toy food for impact, so kids could really see what their plates would look like without bees.
- The spoon pollinators are fun and very easy to make
- The paper bags can be decorated with stickers and kids can draw bees and write their names – the seed balls and seed paper can be placed inside.
- Mann Lake sells educational frames with great pictures
- You can make your own native bee 'hotel'

Other resources:

Bee Girl Organization – <u>Kids and Bees</u> ideas
Pollinator.org <u>curriculum</u>
Ontario Junior Beekeeping Program
OBA Kid's Zone
The Honeybee Conservancy