

# Grant Overview

## Observation/Top Bar Honeybee Hive Which Hive is Best for You?

The Bee Cause Project is excited to offer several grant options to choose from.



### Indoor Observation Hive

- Most popular hive
- Classroom or office installation
- Requires little maintenance
- Can thrive in any climate
- Usually no extra stores of honey to be harvested
- Ideal for teaching
- Most readily engages students

### Outdoor Observation Hive

- May require a small outdoor structure to be built
- Best in climates with a milder winter
- Schools have or want outdoor programming
- Schools may not be able to accommodate an indoor hive
- Usually no extra stores of honey to be harvested

### Top Bar Hive

- Requires the most maintenance
- Must be set up outside in a safe zone for bees and students
- Honey may be harvested
- Requires a beekeeper with Top Bar Beekeeping skills
- Must open hive to observe bees

### Monetary Grant: Advanced Beekeeping

**1) Start Up** - has skills and resources for implementing a honeybee hive program on your own. This grant recipient is able to source and set up an observation or traditional hive, source a colony of honeybees, maintain the hive throughout the year, and implement educational programming without the aid of the BeeCause.

**2) Enhancement** - has hives already established. This recipient may want to improve their honeybee program by enhancing the landscaping around an outdoor hive or hive entrance, by developing a pollinator garden on campus, by expanding supplies of beekeeping equipment and educational materials, or by engaging in community outreach programs.

# Honeybee Hive - Getting Your Bees Approved

The Getting Your Bees Approved guide is a resource to help applicants get approval in their district for housing a Honeybee Hive at their school.



## Introduction

Students learn and perform better when schools, families, communities, and districts work together to support common goals. The BeeCause Project was founded by a parent of four young beekeepers; is the recipient of donations from small and large businesses and foundations; and is partnered with multiple educational organizations across the country. The BeeCause has donated and supported Honeybee Hives in almost over 150 schools and other educational organizations across more than 24 states and 4 countries over the past 3 years. The BeeCause has been a key to connecting families, students, and staff within those schools as well, thus categorizing our project by many principals as “one of the most successful partnerships and initiatives during the school year.”

The BeeCause program offers opportunities for hands-on, project-based activities and special events to enhance creativity, self-expression, group and independent learning. The BeeCause is committed to working with curriculum development staff and individual teachers to assist in efforts to meet each school’s needs in these areas and to assist each school’s specific needs for gaining support and approval for partnership with The BeeCause.

## Steps for Approval

Every school district may have a different path for approval. Independent Schools usually have an easier time getting approval than Public School systems. The following is an outline of what to expect.

**1. Initiation by a single school** - A teacher or parent usually initiates contact with The Bee Cause and expresses interest. There are online resources that these Bee Advocates should read to understand the commitment at the school level, the commitment from the beekeeping community, the ongoing costs, and the timeline to receive a grant from The Bee Cause. Once interest is present for a given school, the Bee Advocate needs to follow internal protocol for partnering with outside organizations and/or getting approval to introduce new programs/services.

**2. Petition for support of hive** - After the Bee Advocate is well briefed on how the program works and the benefits for partnership with The Bee Cause, a petition for support is a great next step. The PTA, STEM Curriculum developer, Science Department Head, Principal, etc. should all be briefed on the program. Each of these school leaders can be ambassadors for your program and can provide insight and guidance for gaining approval at the highest level (Superintendent’s office and/or Leadership Team in the Public School System).

**3. Proposal to Superintendent and/or School Board** - Depending on the school district, one or both of these parties must approve a Honeybee Hive to be installed on the school’s campus. The efforts in number 2 will help the Bee Advocate better understand this process and tailor the request appropriately. A decision should be made at this point if the request to the Superintendent is for approval District wide or for one single school. Typically, it is easier to gain approval for a “pilot” of the program and work towards getting approval for only one or two schools within a

given district. The program will grow organically quickly, as schools with this educational tool will be highlighted district wide for their innovation and creative efforts to increase student interest and learning potential.

**4. Plan for the County Building and Maintenance crew** - This step can be done concurrently with Number 3 above. It is important to address any perceived risks or concerns early on in the process.

Indoor Observation Hives: The Installation of Hive Base is a great document to circulate to your Building Maintenance crew, so they will understand what needs to happen in order to hang the hive on the wall (a 2 inch hole needs to be created through a wall to allow the bees to fly in and out of the observation hive). Most Public School districts require all building modifications to be done by internal staff. Gaining approval for your proposed location for the hive to be installed is as important as getting approval for the beehive to be installed. There are safety considerations (See Safety Guide for more information) as well.

## Steps for Implementing

Once the District or School partners with The Bee Cause, a standard internal Project Plan should be finalized based on the district's feedback. A typical task list is below:

1. Application, School Board/District Approval, and Honeybee Hive Agreement guide are completed.
2. School assigns its Bee Advocate.
3. School assigns its Bee Mentor. BeeCause will assist in locating a beekeeper if your school is having difficulty.
4. Hive location is determined, and BeeCause approves the proposed hive placement.
5. BeeCause ships honeybee hive, signage and other education, safety, and support materials.
6. Building Maintenance request is submitted by school to the appropriate Install Team (for Observation Hive only). See Installation of Hive Base.
7. Hive Base is installed in the school (for Observation Hive only).
8. Pre-lessons are delivered to students prior to

installation.

9. The Bee Mentor installs a honeybee colony into the hive.

10. Schedule is created for Bee Advocate daily and weekly hive checks. See Bee Advocate Guide.

11. School implements a Bee Journal process. See Bee Advocate Guide.

12. Schedule created for Bee Mentor to visit the hive monthly or seasonally.

13. Students, faculty, and others may start their honeybee journey!

## Talking Points

### 1. Safety

One of the first hurdles encountered is that schools do not want their students to get stung. BeeCause Safety guide will be distributed to all parties involved. A risk assessment must be incorporated at the District level; however, it is still recommended to have a process internally at the school level for principals and/or teachers to make any adjustments to meet any particular local circumstances. See Safety Guide for more information.

### 2. A Case for the Honeybee- They really do need our help!

The Bee Cause Grant seeks to stimulate curiosity in young people about the natural world by giving them an intimate experience with one of the world's greatest pollinators. The honeybee is an important part of American history, and ever since the first colonists brought them over from Europe, their population has steadily increased. So too, our dependence on the honeybee for pollinating our crops has increased.

Today, our relationship with the honeybee is not sustainable. The number of honeybee colonies has decreased drastically in recent years. With awareness about the probable causes of the population decrease, the BeeCause wants to curb the trend through education and through physically helping colonies of honeybees thrive. The Bee Cause Honeybee hive is the perfect vehicle to accomplish this.

### **3. Different Teaching/Learning opportunities**

- Today's students, more than ever, often find school to be boring and meaningless. Hands on learning and project-based learning provide students with active learning opportunities; a project engages their hearts and minds, and provides real-world relevance for learning.
- After completing a project, students remember what they learn and retain it longer than is often the case with traditional instruction. Because of this, students who gain content knowledge with PBL are better able to apply what they know and can do to new situations.
- In the 21st century workplace, success requires more than basic knowledge and skills. In PBL, students not only understand content more deeply but also learn how to take responsibility and build confidence, solve problems, work collaboratively, communicate ideas, and be creative innovators.
- The Common Core and other present-day standards emphasize real-world application of knowledge and skills, and the development of the 21st century competencies such as critical thinking, communication in a variety of media, and collaboration. PBL provides an effective way to address such standards.
- Modern technology – which students use so much in their lives – is a perfect fit with PBL. With technology, teachers and students can connect with experts, partners, and audiences around the world, and use tech tools to find resources and information, create products, and collaborate more effectively.
- PBL allows teachers to work more closely with active, engaged students doing high-quality, meaningful work, and in many cases to rediscover the joy of learning alongside their students.

### **4. Program Effectiveness**

#### Observation Learning

When children combine activities that require observation, movement, talking and listening, it activates multiple areas of the brain. The more parts of your brain you use, the more likely you are to retain information. Hands-on activities also lend themselves to authentic assessment and observation.

#### Experience-Based Learning

Environmental subjects, such as honeybees and gardens, are especially suited to experience-based learning because people play a role in just about every environmental issue. Thus, using an experience-based approach to an environmental topic invites students to examine their own effects on the environment, whether positive or negative. Once students have become concretely aware of the ways in which they impact their environment, they can reflect on that and experiment with different environmentally conscientious behaviors.

#### Project-Based Learning

Project Based Learning allows students to gain knowledge and skills by working for an extended period of time to investigate and respond to a complex question, problem or challenge. The experience of thousands of teachers across all grade levels and subject areas, confirms that PBL is an effective and enjoyable way to learn and develop deeper learning competencies required for success in college, career and civic life.

### **5. Need for Program**

- The Bee Cause Project addresses the identified need through installing its Honeybee Hives, providing curriculum for teachers to leverage the hives in their daily teaching efforts, providing support for BeeWise community educators/mentors to lead observational learning labs that include honey tastings, honeybee anatomy and pollen studies, flower dissections, and facilitating connections with other nature-based field work to offer extended learning opportunities in honeybee sanctuaries in local communities.
- The program's goal will be met through periodic Student and BeeTeam observations. Cross curriculum grade-specific objectives are attained by sharing the observations documented. Students have the ability to share/compare their observations and post their inquiries to other BeeCause schools in the area and across the district. There are countless Performance Objectives and Measurable Outcomes that result from access to the Honeybee Hives.
- Supporting a relationship between child and nature provides additional opportunities for learn-

ing to begin. Observing honeybees in their undisturbed environment expands a child's knowledge of nature and opens up new ways to experience the natural world.

## **6. Several Outreach Opportunities:**

- Share honeybee and observation hive curriculum with other schools to get them interested.
- Facilitate relationships with community beekeepers and other BeeCause volunteers for classroom visits and opportunities for project selection.
- Provide greater exposure to extended environmental projects by offering add-on learning in local honeybee sanctuaries/nature centers.
- Lobby your neighbors to go pesticide free!
- Work closely with District community partners to leverage already successful programs (for example, 4H and FFA).

# Honeybee Hive - Bee Advocate

The Bee Advocate is the program leader, the first in line for caring for the bees, and the liaison for the school, neighbors, beekeeper and BeeCause. It is recommended that a Teacher and Student share the responsibility of the Bee Advocate. Both advocates may be novices and will learn at different rates; they may be interested in different aspects of the hive and the honeybees; and they will share their knowledge with their peer groups.



## ROLES AND RESPONSIBILITIES

### 1) Find a Bee Mentor

- An experienced beekeeper will serve as your Bee Mentor.
- Mentor should be a member of the local beekeepers' association.
- Mentor will help you select the best hive type for your school, find a location for the hive, source the honeybees and finally install them into the hive.
- Mentor will be your main contact for support in caring for the honeybees.
- Mentor will perform monthly hive checks.
- The BeeCause will assist the school in selecting/finding a Bee Mentor if needed.

### 2) Select Hive Type

Your school's location, type of school, type of programming and level of desired beekeeping involvement all play a role in deciding which type of hive is right for you...please see Which Hive is Best for You for more information. We have 3 different hives from which to select:

- Indoor Observation Hive
- Outdoor Observation Hive
- Traditional Top Bar Hive

### 3) Select Hive Location

#### Best Location for Indoor Observation Hive

- Consult with your Bee Mentor and School Officials.
- Hive entrance on the exterior wall should be facing south to southeast.
- A second story placement is ideal.
- Choose a classroom/office that is easily accessed for observation of bees.
- Temperatures in the room should not reach extremes.
- Avoid direct sunlight on the hive case inside the building, as a greenhouse effect could occur. Use shades or curtains in a window to prevent this. Ambient light is fine.
- If not on a second story, the bee entrance should be in an inconspicuous place to avoid temptation for young, curious students to tamper with the bees.
- A location that is protected by a small fence or natural border is ideal, as long as direct sunlight can reach the entrance.
- The path directly below the entrance/exit tube should not be on a path commonly traveled or on a sidewalk or driveway.
- Consider a grassy surface below the outside entrance to help camouflage the dead bees from curious children.

## **Best Location for Outdoor Observation Hive**

- Consult with your Bee Mentor and School Officials.
- A small shelter may need to be erected to house the hive.
- Hive needs to be protected from wind and rain.
- Hive needs to be mounted at least a few feet above the ground...
- Hive should be in a somewhat remote area that can be easily accessed by students.
- Hive should not be in a high traffic area for people or cars.

## **Best Location for Top Bar Hive**

- Consult with your Bee Mentor and School Officials.
- Hive should be in a somewhat remote area that can be easily accessed by students.
- Hive should not be in a high traffic area for people or cars.
- See Top Bar Hive guide for more information.

## **4) Install the Hive Base**

Upon receiving the shipment with your hive and hive base, please do a thorough inspection to ensure that there are no broken or missing parts! This is very important before you install the base or the bees!

### **For Indoor Observation Hive**

- Hive base installation should be completed by the school's maintenance staff or certified, independent contractor.
- See Installation of Hive Base guide and supporting video for best results.

### **For Outdoor Observation Hive**

- Hive base installation should be completed by the school's maintenance staff or certified, independent contractor.
- An outdoor structure will serve as the hive base.

### **For Top Bar Hive**

- The Top Bar Hive comes with a hive stand to allow for the hive to be a few feet off the ground.
- Bee Mentor will know how to set this up.
- Please see the Top Bar Hive guide to assist further with this grant option.

## **5) Install the Honeybee Colony**

- Schedule and oversee the installation of the honeybee colony with the Bee Mentor.
- See Installation of Honeybees guide and supporting video for best results.

## **6) Teach Hive Safety**

- Review Hive Safety Rules and post Safety Rules.
- Following the recommendations in these documents will allow for the greatest success in programming and safety.

## **7) Perform Daily and Weekly Hive Checks**

- Review the Hive Checklist document.
- Log observations for your beekeeper and know when to call.

## **8) Oversee the Pay it Forward program**

- See Pay It Forward guide for more information.

## **9) Notify the Neighbors/ Outside Contractors**

- Notify surrounding neighbors that there is/will be a beehive at the school, and ask them to make their landscapers and exterminators aware so that the use of chemicals that are harmful to the bees may be kept at minimum if not completely stopped! This is the best insurance that your hive will survive and thrive!
- Make sure that any outside contractors are aware of the hive location so that any painting, pressure washing, etc does not disturb the honeybees.

## 10) Incorporate Bee Friendly Initiatives

- Lobby and/or educate neighbors within a 3-mile radius to go pesticide free. This will help insure longevity of your colony!
- Name the Queen contest.
- Start a Bee Club and/or Adopt a Honeybee Initiative.
- Adopt another BeeCause school as a pen pal to share observations
- Celebrate Pollinator Month by planting bee friendly plants.
- Leverage "Pay it Forward" program as fundraiser.
- Track Activity in beehive and compare by seasons.
- Encourage students to do a Research Project on Honeybees.

## 11) Complete Annual Progress Report

A submitted Progress Report will be required within one year of your grant's award date. See the Progress Report on our website for insight into the information and data that will be need to be submitted.

# Honeybee Hive - Bee Mentor

The Bee Mentor is an experienced, local beekeeper who is engaged by the school to help care for the bees. This is a very important piece to the overall hive health and to the success of having a Honeybee Hive as an educational tool. The BeeCause will assist the school in selecting/finding a Bee Mentor if needed. BeeCulture magazine is a good place to start. They manage a nationwide beekeeper list online that may be helpful in finding the right Bee Mentor for your school. Please visit the website: <http://www.beeeculture.com/find-local-beekeeper/>.



## ROLES AND RESPONSIBILITIES

### 1) Who is the Bee Mentor?

- Supports the Bee Advocate in getting the program started. See Bee Advocate and Getting your Bees Approved for more information.
- Has an interest in honeybee education.
- Currently practices beekeeping.
- Is involved with a local beekeeping group.
- Encourages and educates the Bee Advocate in his/her bee journey.

### 2) Locate the Best Hive Site

#### Best Location for Indoor Observation Hive

- Consult with Bee Advocate and School Officials.
- Hive entrance on the exterior wall should be facing south to southeast.
- A second story placement is ideal.
- Choose a classroom/office that is easily accessed for observation of bees.
- Temperatures in the room should not reach extremes...building should be insulated.
- Avoid direct sunlight on the hive case inside the building, as a greenhouse effect could occur. Use shades or curtains in a window to prevent this. Ambient light is fine.
- If not on a second story, the bee entrance should be in an inconspicuous place to avoid temptation for young, curious students to tamper with the bees.
- A location that is protected by a small fence or natural border is ideal, as long as direct sunlight can reach the entrance.

- The path directly below the entrance/exit tube should not be on a path commonly traveled or on a sidewalk or driveway.
- Consider a grassy surface below the outside entrance to help camouflage the dead bees from curious children.

#### Best Location for Outdoor Observation Hive

- Consult with Bee Advocate and School Officials.
- A small shelter may need to be erected to house the hive.
- Hive needs to be protected from wind and rain.
- Hive needs to be mounted at least a few feet above the ground.
- Hive should be in a somewhat remote area that can be easily accessed by students.
- Hive should not be in a high traffic area for people or cars.
- Hang at eye level for best observation.

#### Best Location for Top Bar Hive

- Consult with Bee Advocate and School Officials.
- Hive should be in a somewhat remote area that can be easily accessed by students.
- Hive should not be in a high traffic area for people or cars.
- See Top Bar Hive documentation for more details on this grant option.

### 3) Practice Hive Safety

- Thoroughly examine the hive and troubleshoot any concerns before the hive is installed.
- Establish and follow a routine for checking the hive is functioning properly, the seals are not compromised, the bolts are tightened, etc.

- Ensure your indoor signage and outdoor signage are posted in a visible location.
- Review the Installation of Honeybees guide and video before installing the bee colony.

#### 4) Source and Install the Bees

- Source the honeybees for the hive.
  - Observation Hive: The honeybee colony should be carefully selected and include a small nucleus of honeybees (with a gentle disposition) and a marked queen.
  - Top Bar Hive: The honeybee package\* should be carefully selected for a gentle disposition and include a marked queen. See Top Bar Hive guide for more information.
- Source 8 deep frames for the hive (for Observation Hive only).
- Ensure hive and all equipment is in good order before installing the bees.
- Install the honeybees into the Honeybee Hive. See Installation of Honeybees guide and video for more information.
- \*A package of honeybees should be used (instead of a nucleus colony) when implementing the Top Bar Hive grant.

#### 5) Visit the Hive Periodically

- Perform seasonal hive checks for pest management, food stores, activity levels, queen health, population health, etc. (similar to traditional bee-keeping, but less maintenance).
- Work together with the school's Bee Advocate to create a schedule to ensure the honeybees are well cared for throughout the year.
- Be available for on-demand needs of the Bee Advocate.

#### 6) Remove the Hive as Needed

- Check hive for defects before removal.
- Schedule maintenance during off hours...after school or on weekends.
- Make sure there are 2 people to manage the weight of the hive (for Observation Hive only).

#### 7) Budget for the Bees

- While grant funds are provided to assist with incidental costs and an initial honeybee colony purchase, it is suggested that the Bee Mentor attempt to find a honeybee colony/package to be donated to the school (perhaps the local bee club would sponsor a colony, someone would donate a swarm, or someone would split his/her hive to share).
- Coordinate with the Bee Advocate to create a budget for future costs of hive management. The Bee Cause provides a honey fundraiser (Pay It Forward) that can provide assistance in this area if necessary.

# Honeybee Hive Grant - Reinventing the School Fundraiser

The Bee Cause Project would like to introduce a new option for school fundraising to help support your relationship with honeybees!

Note: The traditional Pay it Forward model is still available. Contact [info@thebeecause.org](mailto:info@thebeecause.org) if your school prefers to order jars of honey on consignment. Upon completion of the honey sale, your school will keep \$5 per jar, and donate \$10 per jar to our Pay It Forward program.



BeeCause is thrilled to announce a fun new fundraising opportunity for our schools: FarmRaiser! FarmRaiser is a healthy local fundraising company that connects farmers and artisans with schools who need to raise money for their cause (and in this case...honeybee hive!). Students will now be able to sell BeeCause honey using FarmRaiser's customized, highly shareable online farmers' markets as well as their mobile app, advocating for the importance of honeybees to customers as they sell! Offering folks a chance to raise more money for the honeybees is an easy "sell" when your school has already begun reaping the benefits of the BeeCause grant.

*For every BeeCause honey jar purchased through FarmRaiser, \$8.50 is donated to the BeeCause Project to help fund the installation of classroom honeybee hives in 1000 schools across America. Schools receive \$5.00 per jar sold to help build a 'honeybee fund' to support their honeybee hive journey. Customers receive incredible honey in exchange for their support, as well as the satisfaction of knowing that they have helped educate our next generation, a generation who will understand, love and protect our honeybee populations.*

\$5 per jar sold in the fundraiser is for your school and can be used to create a honeybee savings fund! This is extremely beneficial to continue along your honeybee journey. You may decide to further develop the education program through guest speakers, educational posters to use in the classroom or around school, or honeybee books for the library. Or you may want to add a pollinator garden or water source for your honeybees,

growing a lasting connection with the honeybees! Funds should also be saved to continue supplying the necessary care, maintenance, and needs of the observation hive such as replacing a queen or a honeybee colony.

## The School Process:

### Register your school to host a FarmRaiser campaign

- Using the form on this website: <https://www.farmraiser.com/organizations/new>
- FarmRaiser has already created a coupon code, 'BEECAUSE', for schools to begin to use the FarmRaiser platform. By entering this coupon code when creating your campaign, your school will receive a \$50 matching offer from FarmRaiser (aka \$50 free dollars!). Using this code will also let them know to feature BeeCause honey in those campaigns.

### Plan your campaign

- As soon as you register, A FarmRaiser Cultivator will contact you to select the BeeCause as a vendor for your market, set the fundraiser start and end dates, and schedule the product distribution date. FarmRaiser also helps out with marketing ideas and material to get everyone excited about your sale!
- It's best to give yourself a few weeks lead time before the campaign begins, but FarmRaiser can set up a complete campaign for your school in less than 4 days!

### Activate student champion markets

- FarmRaiser supplies a parent letter template that

includes instructions for champ registration. Each champ who registers to sell with FarmRaiser gets 2 amazing sales tools: their own customizable on-line farmers' market as well as access to FarmRaiser's mobile app, which makes face to face sales a snap. Your Cultivator will share suggestions for the best ways to activate champions to ensure a successful sale.

- Having champs register and sell from their own markets and/or app makes it easy to keep track of how close each student is to his/her goal, and also keeps distribution simple by associating each order with the appropriate student. FarmRaiser also provides a simple overview of how many cash and/or check payments each child has received, so reconciliation is easy.

**Sell honey! (There is a Make a Donation option on the site too!)**

- Students sell honey through their FarmRaiser web market, FarmRaiser's mobile app, or with

FarmRaiser's paper form.

- FarmRaiser recommends planning two to three weeks of sales, engaging student, teacher, and parent champs throughout to help you meet your goal.

**Distribute the jars of honey to the customers**

- Distribution day is normally about two weeks after your sale ends. Your Cultivator will work with you to confirm a day that works for your school.

- FarmRaiser supplies a student sales breakdown, all customer receipts, and bags for you to send products home in. When the product arrives, the organizer and volunteers (including students!) will separate the orders for each student, then students will deliver honey straight to their customers.

- FarmRaiser pays the BeeCause and then sends the rest of the proceeds to your school! \*(\$5.00 for each jar sold).

# Observation Honeybee Hive Safety Rules



**1. Rotate Hive Case Slowly And Gently**

**2. Never Hang On The Hive**

**3. Do Not Tap On The Glass**

**4. Do Not Block Ventilation Holes**

**5. Keep Hive Covered When Not In Use**

**6. Avoid Extreme Temperature Changes In Room**

**7. Stay Clear Of The Landing Porch**

**8. If You Are Allergic To Bees, Use Your Recommended Treatment If Needed Immediately!**

**9. BeeHave near the Bee Hive!**

"I hadn't been out to the hives before, so to start off she gave me a lesson in what she called 'bee yard etiquette'. She reminded me that the world was really one bee yard, and the same rules work fine in both places. Don't be afraid, as no life-loving bee wants to sting you. Still, don't be an idiot; wear long sleeves and pants. Don't swat. Don't even think about swatting. If you feel angry, whistle. Anger agitates while whistling melts a bee's temper. Act like you know what you're doing, even if you don't. Above all, send the bees love. Every little thing wants to be loved."

- Sue Monk Kidd, *The Secret Life of Bees*

# Honeybee Hive - Progress Report

A report on your honeybee hive's story and what you have learned will allow us to improve our Honeybee grant program and share best practices with other organizations and schools. We welcome your lessons and stories!



## Organization/School Information:

- Organization Name:
- Address:
- Main contact Name:
- Phone number:
- Email address:

## All about your Honeybee Award:

1. Were you a recipient of a Pay It Forward fundraiser from a local business or school? If so, please explain:
2. Did you participate in a Pay It Forward fundraiser or do you plan on participating? If so, please provide details:
3. Who manages the honeybee hive(s)? How did this relationship develop?

4. Did your organization engage in a Risk Assessment or Project Evaluation? If so, could you please share any details:

5. What safety precautions and first aid guidelines are incorporated?

6. What curriculum resources, if any, do you use in engaging students with the honeybee hive?

### **The Honeybee Story:**

Tell us about the story of your honeybee hive, please highlight:

What type of hive do you have installed?

How did you get started?

Who did you involve in the program?

Has it been successful?

How has it grown?

How did you engage students?

If relevant, how has the school community (principal, teachers, parents) been involved?

**Best Practices:**

Is there anything you learned or developed that worked particularly well for the success of your honey-  
bee hive? Please share any best practices in the following areas:

Student engagement:

School community organization and involvement, including the principal, teachers, and parents:

**Hive management:**

Volunteer support:

Curriculum development or resources:

## Final thoughts and photos:

1. What additional resources do you need to keep your honeybee hive and its integration with students successful?
2. Is there anything else you would like to share about the honeybee hive experience?
3. Photos! Please attach at least 3 photos of the honeybee hive, preferably with students. **Please note: By sharing a photo of students, you are agreeing that the students pictured have granted permission for their photo to be shared. Please do not share any photos of students without permission.**