

2012-2013 SCHOOL YEAR



BEES AND BEEKEEPING ASSEMBLIES BY

DON THE BEEKEEPER



Don Shump is the owner of the Philadelphia Bee Company, the largest beekeeping operation in Philadelphia. He got his start in one of the city's oldest community gardens, supporting an apiary that has been benefiting our urban environment for a quarter century. Today he manages more than 50 hives in 4 apiaries downtown including an urban farm in Kensington, above a candy shop in Old City and his main bee yard on an old factory rooftop in West Philadelphia. Don has presented for grade schools, colleges, groups and events including the Philadelphia International Flower Show.



Bees are AWESOME! This is the core message for all of Don's presentations. Bring honey bees to life for your students by inviting this much sought after beekeeper to your school. Don's presentations are as dynamic as his bees. In his one hour presentations, students will be captivated by hearing Don talk about just how amazing bees are. Don connects his beekeeping work to the students' current studies in science. A digital slideshow will detail how bees work, what beekeepers do, and why the pollinators are so important to people and the environment. Students will walk away with a new-found understanding and respect for bees and the motivation to study the world around them!



"Our mostly reluctant campers encountered bees on a very personal level. By the end of Don's presentation, a respect of the role pollinators play in the natural world was achieved. Campers were seen petting some of their new friends. Bugs and bees were seen with the light of a new understanding and appreciation."

- Janice
Sadie Glover Blossom Summer Camp

ASSEMBLIES

HIVESTARTER PROGRAM: TWO ASSEMBLIES AND ADOPTED HIVE

TWO SCHOOL ASSEMBLIES, 1 HOUR EACH. THE FIRST ASSEMBLY WILL BE IN THE FALL AND THE SECOND WILL TAKE PLACE IN THE SPRING. DON WILL DESIGNATE ONE HIVE FOR THE SCHOOL FOR A FULL YEAR. THE COLONY WILL BE MANAGED AT DON'S ROOF TOP BEE YARD IN WEST PHILADELPHIA. PART OF THE HIVE WILL BE PAINTED BY THE STUDENTS. NOTE: THIS ISN'T JUST FOR SHOW. THIS ACTUALLY HELPS THE BEES FIND THEIR HIVE WHEN RETURNING FROM FORAGING FLIGHTS!

THE FIRST ASSEMBLY WILL INTRODUCE THE STUDENTS TO HONEY BEES AND BEEKEEPING. TOPICS MAY INCLUDE BUT ARE NOT LIMITED TO:

- HONEY BEE BIOLOGY
- DIFFERENCES BETWEEN BEES AND WASPS
- HOW BEE STINGS WORK
- HONEY BEE CASTES
- BEE COMMUNICATION
- FORAGING
- POLLINATION
- HONEY
- HOW HIVES WORK
- THIS USUALLY HAPPENS BETWEEN APRIL AND JUNE.



THE SECOND ASSEMBLY WILL RUN THROUGH WHAT THE SCHOOL'S HIVE DID OVER THE COURSE OF THE BEEKEEPING SEASON.

- PHOTOS OF THE SCHOOL'S HIVES
- WHAT HAPPENED DURING THE BEEKEEPING SEASON
- TOOLS USED IN BEEKEEPING
- HOW WEATHER AFFECTS THE HIVE
- FORAGING AREA
- SWARMING
- QUEEN PRODUCTION
- BEE DISEASES & TREATMENTS
- HIVE PERSONALITY
- HOW MUCH HONEY THE HIVE PRODUCED.



DON WILL BE THE SCHOOL'S BEEKEEPER FOR THE DURATION OF THE PROGRAM. TEACHERS AND STAFF CAN EMAIL DON ANYTIME WITH BEE RELATED QUESTIONS.

SINGLE ASSEMBLY

ONE SCHOOL ASSEMBLY, 1 HOUR. DON WILL COME TO YOUR SCHOOL TO PRESENT THE INS AND OUTS OF BEES AND BEEKEEPING. THIS CONDENSED ASSEMBLY IS A GREAT WAY TO GET KIDS BUZZING ABOUT BEES!

CUSTOM PROGRAMS

HAVE BEE RELATED IDEA YOU LIKED TO BRING TO LIFE? DON CAN HELP YOUR SCHOOL WITH CUSTOMS PROGRAMS TO MEET YOUR SCHOOL'S NEEDS.

DETAILS

CONTACT

TO SCHEDULE A VISIT, PLEASE E-MAIL DON SHUMP AT DON@PHILADELPHIABEE.COM OR CALL 267.307.8405

COST

HIVESTARTER: FOR VISITS THAT ARE WITHIN LOCAL DRIVING DISTANCE (APPROXIMATELY A TWO-HOUR DRIVE), THE COST IS \$1,200 WHICH INCLUDES BOTH ASSEMBLIES AND HIVE ADOPTION. (DON IS BASED OUT OF PHILADELPHIA, PA.)

SINGLE ASSEMBLY: FOR VISITS THAT ARE WITHIN LOCAL DRIVING DISTANCE (APPROXIMATELY A TWO-HOUR DRIVE), THE COST IS \$600. (DON IS BASED OUT OF PHILADELPHIA, PA.)

ADDITIONAL ASSEMBLIES PER VISIT COST \$250.

CUSTOM PROGRAMS: PRICED BASED ON NEEDS.

EQUIPMENT

- A SCREEN FOR PROJECTING SLIDES
- LCD PROJECTOR
- A HAND-HELD MICROPHONE IF SPEAKING TO GROUPS LARGER THAN 75