



## Bees@Schools Introduction Video Script – EN

Hello teachers and students! My name is Sage, and I am the lead coordinator for the Bees@Schools program. I am a graduate student at the University of Guelph, and the data that you are collecting will help me answer some very important questions.

Every scientific study starts with a question. The main questions that I am asking are what types of cavity-nesting bees (more on that in my second video) are living across Canada, what flowers are they using for food, and how does the ecosystem around them change their lives. To answer these questions, I sent out 200 nest boxes all across Canada to schools like yours. Your teacher is in charge of installing the nest box, and the nest will stay up for the next 4 months. At the end of the summer, the nest box will be sent back to me, here at the University of Guelph. Once I get back the nest boxes, I will be using a process called DNA barcoding to identify each bee and the pollen they left in their nests. DNA barcoding is a really cool way of identifying species by looking at their unique genetic fingerprint! Once I know the identities of the bees in the nests and the flowers they were eating from, I will be able to see how the environment around each nest box influenced their lives.

So thanks, to all of you, because without you, this research could not happen. If you have any questions about my project, or bees in general, visit us at [beesatschools.ca](http://beesatschools.ca) or email us at [beeschoolprogram@gmail.com](mailto:beeschoolprogram@gmail.com). You can also find me on Twitter @HandlerofBees, and I always love to see photos of your nest box or a cool bee you found in your backyard. Until next time, stay safe and bee well.