

The Bee Science Club – Expanding a Nuc to Regular Hive	
Overview	Notes
<p>We want to learn all about the impact an infrared light can have on the honey bee.</p> <p>Watch the Bee Science Club video.</p> <p><i>After watching questions:</i> Why is it important to expand a hive? What does spraying the hive do – as seen in the video?</p> <p><i>Refer to materials for support.</i></p> <p>Provided are several websites with lots of information on this month’s video</p> <p>Sign up for our Bee Science Club at wildflowerbeefarm.com</p>	
Materials	
<ul style="list-style-type: none"> - Bee Science Club video: https://youtu.be/Wq2Cbo6Eko8 - Knowing when to expand: https://texashomesteader.com/beginning-beekeeping-expanding-hive/ - Deciding how to expand: https://www.motherearthnews.com/homesteading-and-livestock/how-to-expand-beehives-zbcz1602/ - Vocabulary behind bee hive expansion: https://www.perfectbee.com/a-healthy-beehive/inspecting-your-hive/managing-hive-capacity 	
Goals	
<ul style="list-style-type: none"> - To find understand why it is important to expand a hive 	
Video Objectives	
<ul style="list-style-type: none"> - To observe what bee keepers do to expand a hive - To discuss what the purpose of expanding a hive does for bees and the queen - To discuss what negative effects happen to a hive that is not expanded 	
Student Activities for learning	
<p><i>Research:</i> Why should bee keepers expand hives? What happens if this does not happen?</p> <p><i>Reflection:</i> Have you ever experienced a classroom that has many students versus a classroom that has very little? Have you ever felt overcrowded? Do you like to have more space to roam? Do you like to be with groups of people? Will you be a traveller or a homebody?</p> <p><i>Complete:</i> Briefly summarize as a Bee Scientist, what your conclusion is about what hive expansion is all about – share it with your family or classmates.</p> <p><i>Extra:</i> Share your favourite moment in a group of people (i.e., going to Canada’s Wonderland with friends). Share your favourite moment by yourself (i.e., playing piano).</p>	