



# 2019 Knox Lincoln County Bee School

Textbook: Simple Smart Beekeeping

Tuesdays 6:00 - 8:30 p.m. (unless otherwise noted)

DATE	TOPIC	SPEAKER
February 26	<b>INTRODUCTION AND WELCOME TO KLCB BEE SCHOOL</b> <b>KLCB: THE ORGANIZATION</b> What it offers to its members: <ul style="list-style-type: none"> <li>▪ Monthly meetings/Hive Openings</li> <li>▪ Educational Offerings/Mentors</li> <li>▪ Swarm List</li> <li>▪ Fireside Chats in Cold Months</li> <li>▪ Quarterly Newsletter, Monthly Bulletins</li> </ul> <b>MSBA: THE STATE ORGANIZATION</b>	Jane Dunstan
	<b>COURSE OVERVIEW: THE BIG PICTURE</b> Course Syllabus and Materials: PowerPoint presentations/Hands On Stations Presentations by Experienced Beekeepers Textbook/Hand Outs	Pages 3-5, 13-23 A169-176
	<b>HOUSEKEEPING ITEMS</b> Email for snow cancellations Attendance, reading assignments Scope and flow of the evening classes	
	<b>THE BEEHIVE: PARTS/PURPOSE/PLACEMENT</b> Beehive anatomy of 10 Frame Langstroth Purpose of each part; ventilation holes Preparation of hive for habitation by bees Wax and plastic foundation	Thom Norgang Pages 30-33
	<b>TOOLS OF THE TRADE</b> Clothing: What to Wear and Not to Wear Smoker, Hive Tool, Wintergreen Alcohol The Inevitable Sting	Peter Lammert Pages 25-30 Handouts
<b>BREAK</b>		
<b>BREAKOUT STATIONS [20 Minutes Each]</b>		
	1. Lighting the Smoker	Thom Norgang
	2. Considerations in setting up the Apiary	Dozier Bell Pages 50-55
	3. The Hive Body and its parts	Peter Lammert
<b>RECAP &amp; QUESTIONS</b>		

DATE	TOPIC	SPEAKER
March 5	<b>BEE BIOLOGY AND ANATOMY</b>	Jane Dunstan Pages 34-43
	<b>HIVE DYNAMICS</b> Types of bees within the hive Life Cycle/Roles they play Communication	
	<b>GETTING STARTED</b> Installing Nucs and Packages: Pros/Cons/ Differences	Jean Vose Pages 45-49, 56-67
<b>BREAK</b>		
<b>BREAKOUT STATIONS</b> [20 Minutes Each]		
	1. Packages: Installing package bees and the Queen	Jean Vose
	2. Sugar Syrup Feeding/Recipes/Methods/How long to feed	KLCB Educator
	3. Installing Nucs	Dave Spicer
<b>RECAP &amp; QUESTIONS</b>		
March 12	<b>SPRING &amp; SUMMER MANAGEMENT</b> <ul style="list-style-type: none"> <li>▪ Life in the Hive After Installation</li> <li>▪ What will you SEE? ⇒ Potential Red Flags: Poor wax build up, fewer bees, no eggs or larvae, too much nectar, small brood nest, (concept of honey bound)</li> <li>▪ Checking for Mites</li> <li>▪ Supercedure/Requeening: Recognizing a queenless colony</li> <li>▪ Swarm Control/Management/ Prevention Basics</li> <li>▪ Creation of a swarm environment: Congestion</li> <li>▪ Supering the colony IF NEEDED</li> </ul>	Dave Spicer Pages 69-87, 131-141  Pages 98-106 Pages 117-121
	<b>HIVE INSPECTION SHEETS AS TOOL TO EVALUATE YOUR COLONY</b>	Jane Dunstan Pages 88-97, 131-135
<b>BREAK</b>		
<b>BREAKOUT STATIONS</b> [20 Minutes Each]		
	1. Gathering samples of bees for alcohol wash/mite counts	KLCB Educator
	2. Find the queen: Use of photo cards	Jean Vose & Dave Spicer
	3. Play dough and laminates	Jane Dunstan
<b>RECAP &amp; QUESTIONS</b>		

DATE	TOPIC	SPEAKER
<b>March 19</b>	<b>FALL AND WINTER MANAGEMENT</b> Evaluating the Colony: Population/Food stores/Mites Fall Feeding/Robbing Behavior Winterizing Recipes Open pollen substitute	Dozier Bell Pages 143-157
	<b>EXTRACTION OF HONEY</b> Equipment/Materials needed KLCB Extractors and Workshop on Extraction	Peter Lammert Pages 123-129
<b>BREAK</b>		
<b>BREAKOUT STATIONS [20 Minutes Each]</b>		
	1. Sugar Candy/Candy Boards	KLCB Educator
	2. Winterizing the Hive	Dozier Bell
	3. Homasote boards and quilt boxes	Jane Dunstan
<b>RECAP &amp; QUESTIONS</b>		
DATE	TOPIC	SPEAKER
<b>March 26</b>	<b>CHALLENGES OF BEEKEEPING</b> <ul style="list-style-type: none"> <li>▪ Understanding and Managing Pests &amp; Diseases</li> <li>▪ Integrated Pest Management (IPM)</li> <li>▪ Proper Use of Medications</li> </ul>	Jenifer Lund State Apiarist Pages 99-115, A177-178
<b>BREAK</b>		
<b>RECAP &amp; QUESTIONS</b>		
<b>April 2</b>	<b>BEE MEDICATIONS AND PROPER APPLICATION METHODS</b>	Jane Dunstan Handouts
<b>BREAK</b>		
<b>BREAKOUT STATIONS [20 Minutes Each]</b>		
	1. Formic Acid, Mite Away Quick Strips [MAQS]	KLCB Educator
	2. Oxalic Acid	KLCB Educator
	3. Hopguard, Apivar, Apiguard	KLCB Educator
<b>RECAP &amp; QUESTIONS</b>		
<b>April 9</b>	<b>PUTTING IT ALL TOGETHER</b> <ul style="list-style-type: none"> <li>▪ Bee Jeopardy</li> <li>▪ Hands on Beekeeper Megacode</li> </ul>	Jane Dunstan Things to do when/handout
	<b>PANEL Q &amp; A</b>	All Instructors
	<b>COURSE EVALUATIONS/CERTIFICATES</b>	