



# Kit Contents

| Tab | Lesson                                      | Teaching Materials   | Reproducible Worksheets and Handouts  | Materials in the Kit   | Materials You'll Need  |
|-----|---|--|---|--|--|
| 0   | <b>Garden Development</b>                   | <ul style="list-style-type: none"> <li>• Teacher's Instructions</li> <li>• Pesticide Education</li> </ul>                            |   |  |  |
| 1   | <b>Lesson Plan 1 – Meet the Pollinators</b> | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Answer key</li> <li>• Pre-assessment teacher tally sheet</li> </ul> | <ul style="list-style-type: none"> <li>• Pre-assessment</li> </ul>  |  |  |
| 2   | <b>Lesson Plan 2 - What Is Pollination?</b> | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Answer key</li> </ul>   | <ul style="list-style-type: none"> <li>• What is Pollination worksheet?</li> </ul>  | <ul style="list-style-type: none"> <li>• Color photos of flowers and pollinators</li> <li>• 3 cotton swabs</li> <li>• “Pollinator Pathways” poster and species ID key</li> </ul> | <ul style="list-style-type: none"> <li>• 2 large flowers to demonstrate pollination</li> </ul> |
| 3   | <b>Lesson Plan 3 – Bee Pollination</b>      | <ul style="list-style-type: none"> <li>• Instructions</li> </ul>   | <ul style="list-style-type: none"> <li>• Bee anatomy</li> <li>• “Join the Conversation about Native Bees”</li> </ul>                          | <ul style="list-style-type: none"> <li>• 3 glitter jars</li> <li>• 100 pipe-cleaners</li> <li>• 30 small paper cups</li> <li>• “Native Bees” ID key</li> </ul>                   | <ul style="list-style-type: none"> <li>• Pencil</li> <li>• Tape</li> </ul>                     |
| 4   | <b>Lesson Plan 4 – Pollinators and Food</b> | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Pollinators and food worksheet answer key</li> </ul>                | <ul style="list-style-type: none"> <li>• Commonly eaten foods that are animal pollinated</li> <li>• Pollinators and food worksheet</li> </ul> | <ul style="list-style-type: none"> <li>• Pictures of animal-pollinated food</li> </ul>   | <ul style="list-style-type: none"> <li>• Pollinated snacks</li> </ul>                          |

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| 5   | <b>Lesson Plan 5 – Seed Germination</b>         | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Pollinator-plant life cycle worksheet answer key</li> </ul>  | <ul style="list-style-type: none"> <li>• Pollinator-plant life cycle worksheet</li> </ul>   | <ul style="list-style-type: none"> <li>• Educator's dissection seed</li> <li>• 30 peat pods</li> <li>• 30 cucumber seeds for sprouting</li> <li>• 30 wooden plant markers</li> </ul>             | <ul style="list-style-type: none"> <li>• Growing tray or halved milk cartons</li> <li>• Watering can</li> <li>• Aluminum foil</li> <li>• Scissors</li> <li>• Pencil</li> <li>• Permanent marker</li> <li>• Sunny area in your classroom</li> </ul> |
| 6   | <b>Lesson Plan 6 – Basic Bee Identification</b> | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Bee ID worksheet answer key</li> </ul>   | <ul style="list-style-type: none"> <li>• Bee ID worksheet</li> </ul>  | <ul style="list-style-type: none"> <li>• Picture based bee ID chart</li> </ul>   | <ul style="list-style-type: none"> <li>• Magic markers or colored pencils</li> </ul>   |
| 7   | <b>Lesson Plan 7 – Pollinator Habitat</b>       | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Habitat assessment notebook answer key</li> </ul>  | <ul style="list-style-type: none"> <li>• Bee sting handout</li> <li>• Habitat assessment notebook</li> </ul>  | <ul style="list-style-type: none"> <li>• Pictures of different bee homes</li> </ul>  | <ul style="list-style-type: none"> <li>• Clipboard</li> <li>• Pencils, colored pencils or thin markers</li> </ul>  |
| 8   | <b>Lesson Plan 8 – Bee Habitat</b>              | <ul style="list-style-type: none"> <li>• Instructions</li> </ul>  | <ul style="list-style-type: none"> <li>• Bee life cycle handout</li> <li>• Bee hive cycle handout</li> </ul>  | <ul style="list-style-type: none"> <li>• A bee tube nest</li> </ul>  | <ul style="list-style-type: none"> <li>• Light wire or</li> <li>• Duct tape or</li> <li>• Hammer and nails</li> </ul>  |
| 9   | <b>Lesson Plan 9 – Planting Outside</b>         | <ul style="list-style-type: none"> <li>• Instructions</li> </ul>  | <ul style="list-style-type: none"> <li>• Gardener's contract</li> <li>• Certificate of achievement</li> </ul>   | <ul style="list-style-type: none"> <li>• Garden sign</li> <li>• 15 milkweed seeds</li> <li>• 30 prairie coneflower seeds</li> <li>• 30 purple coneflower seeds</li> </ul>                        | <ul style="list-style-type: none"> <li>• Clipboard</li> <li>• Trowels</li> <li>• Planting space (if planting on school grounds)</li> <li>• Water</li> <li>• Watering cans</li> </ul>   |
| 10  | <b>Lesson Plan 10 – Round Up</b>                | <ul style="list-style-type: none"> <li>• Instructions</li> <li>• Post-assessment answer key</li> <li>• Post-assessment teach tally sheet</li> <li>• Snack recipe suggestions</li> </ul> | <ul style="list-style-type: none"> <li>• Post-assessment</li> </ul>   |  | <ul style="list-style-type: none"> <li>• Pollinated snacks</li> </ul>  |
| 11  | <b>Other Useful Resources</b>                   | <ul style="list-style-type: none"> <li>• Buggy math word problems answer key</li> <li>• Word game answer key</li> <li>• Feedback questionnaire</li> </ul>                               | <ul style="list-style-type: none"> <li>• Landscape crew handout</li> <li>• Caregiver handout</li> <li>• Pollinator bloom bingo</li> <li>• Buggy math word problems</li> <li>• Word game</li> <li>• Pollinator related vocabulary</li> </ul> | <ul style="list-style-type: none"> <li>• Bee Basics</li> <li>• Ecoregional Guide postcard</li> <li>• “Protecting Monarchs” brochure</li> <li>• “Your School and Pollinators” brochure</li> </ul> |  |

Wherever possible, green materials were used in the construction of the BeeSmart™ School Garden Kit.