



## Month: March Week: 1 Subject: Science

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| Day 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Topic(s)</b><br>Theme: Bugs & Insects<br>Number: 7<br>Letter: Ff<br>Color: Blue<br>Shape: Oval | <b>Foundation(s)</b><br>SC3.1 – Demonstrate awareness of life   |
| Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Younger Preschool</b>                                                                          | <b>Older Preschool</b>                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Will observe and describe changes in living things.                                               | Will sequence the life cycle of a bug and describe its changes. |
| <p>Activity: Bug Life Cycle- Introduce children to the <b>life cycle of a butterfly</b> (egg, caterpillar, chrysalis, butterfly) using pictures or models. Read a simple story about a butterfly's journey, then have children act out the stages (curling up like an egg, crawling like a caterpillar, standing still like a chrysalis, and flying like a butterfly).</p> <p><b>Challenge for Older Preschoolers:</b><br/>         Give them life cycle cards in mixed order and have them <b>sequence the stages correctly</b>, explaining what happens at each stage.</p> |                                                                                                   |                                                                 |
| <b>Resources/Materials</b> <ul style="list-style-type: none"> <li>Life cycle picture cards or models</li> <li>Butterfly life cycle book (e.g., <i>The Very Hungry Caterpillar</i>)</li> <li>Printable cut-and-paste activity</li> </ul>                                                                                                                                                                                                                                                                                                                                      | <b>Key Vocabulary:</b><br>egg, caterpillar, chrysalis, butterfly                                  | <b>Support:</b>                                                 |



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| Day 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Topic(s)                                                                       | Foundation(s)                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Theme: Bugs & Insects<br>Number: 7<br>Letter: Ff<br>Color: Blue<br>Shape: Oval | SC5.1 – Demonstrate scientific curiosity                       |
| Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Younger Preschool                                                              | Older Preschool                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Will explore and describe characteristics of insects using senses.             | Will compare and contrast different bugs and their body parts. |
| <p>Activity: Bug Observation- Take children outside or provide <b>plastic bugs and magnifying glasses</b> for close observation. Encourage them to describe what they see—<i>“How many legs does it have?” “What colors do you notice?”</i> Introduce key bug body parts like head, thorax, abdomen, and antennae.</p> <p><b>Challenge for Older Preschoolers:</b><br/>Ask them to <b>compare two different bugs</b> and describe their differences. Example: <i>“How is a beetle different from a butterfly?”</i></p> |                                                                                |                                                                |
| Resources/Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Key Vocabulary:                                                                | Support:                                                       |
| <ul style="list-style-type: none"> <li>• Magnifying glasses</li> <li>• Plastic bugs or real bugs (if available)</li> <li>• Observation journals/Paper for older preschoolers</li> </ul>                                                                                                                                                                                                                                                                                                                                | antenna, thorax, abdomen                                                       |                                                                |

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| Day 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Topic(s)                                                                       |                           | Foundation(s)                                                                                          |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Theme: Bugs & Insects<br>Number: 7<br>Letter: Ff<br>Color: Blue<br>Shape: Oval |                           | SC3.2 – Demonstrate awareness of the preservation, protection, and care of living creatures and plants |          |  |
| Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Younger Preschool                                                              |                           | Older Preschool                                                                                        |          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Will recognize that bugs need food, water, and shelter.                        |                           | Will create a simple model of a bug’s habitat and explain how it meets survival needs.                 |          |  |
| <p>Activity: Insect Habitat Dioama- Introduce the concept of <b>bug habitats</b> (e.g., ants live in anthills, bees live in hives). Show pictures or videos of different insect homes. Then, provide materials for children to create a <b>small insect habitat diorama</b> using recycled materials, playdough, and toy insects.</p> <p><b>Challenge for Older Preschoolers:</b><br/>Encourage them to <b>explain their insect habitat</b>—where their bug sleeps, finds food, and hides from predators.</p> |                                                                                |                           |                                                                                                        |          |  |
| Resources/Materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                | Key Vocabulary:           |                                                                                                        | Support: |  |
| <ul style="list-style-type: none"><li>Shoeboxes or cardboard trays</li><li>Natural materials (grass, twigs, leaves)</li><li>Toy bugs</li></ul>                                                                                                                                                                                                                                                                                                                                                                |                                                                                | Habitat, shelter, survive |                                                                                                        |          |  |

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| Day 4 | Topic(s) | Foundation(s) |
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## Preschool Curriculum

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|                                                                                                                                                                                                                                                                                                                                                                              | Theme: Bugs & Insects<br>Number: 7<br>Letter: Ff<br>Color: Blue<br>Shape: Oval | SC1.1 – Demonstrate ability to explore objects in the physical world   |
| Indicators                                                                                                                                                                                                                                                                                                                                                                   | Younger Preschool                                                              | Older Preschool                                                        |
|                                                                                                                                                                                                                                                                                                                                                                              | Will listen to and recognize different bug sounds.                             | Will identify bugs by their sounds and explain why insects make noise. |
| <p>Activity: Bug Sounds Investigation- Play <b>recordings of bug sounds</b> (crickets, bees buzzing, cicadas, grasshoppers) and have children <b>guess which bug is making the sound</b>.</p> <p><b>Challenge for Older Preschoolers:</b><br/>         Have them <b>explain why bugs make sounds</b> (e.g., “<i>Why do crickets chirp?</i>” “<i>Why do bees buzz?</i>”).</p> |                                                                                |                                                                        |
| Resources/Materials                                                                                                                                                                                                                                                                                                                                                          | Key Vocabulary:                                                                | Support:                                                               |
| <ul style="list-style-type: none"> <li>• Audio recordings of bug sounds</li> <li>• Picture cards of bugs that make sounds</li> </ul>                                                                                                                                                                                                                                         | buzz, chirp, hum                                                               |                                                                        |

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| Day 5 | Topic(s) | Foundation(s) |
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## Preschool Curriculum

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Theme: Bugs & Insects<br>Number: 7<br>Letter: Ff<br>Color: Blue<br>Shape: Oval | SC3.1 – Demonstrate awareness of life                                  |
| Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Younger Preschool                                                              | Older Preschool                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Will observe and talk about bugs found in nature.                              | Will document and describe their observations using words or drawings. |
| <p>Activity: Nature Walk- Take a <b>nature walk</b> around the schoolyard or park with <b>bug-catching jars</b>. Have children observe bugs and describe what they see (“<i>What color is the butterfly?</i>” “<i>Where do you see the ants?</i>”).</p> <p><b>Challenge for Older Preschoolers:</b><br/>         Provide observation journals and ask them to <b>draw and label</b> one bug they find, noting its color, number of legs, and movement style.</p> |                                                                                |                                                                        |
| Resources/Materials <ul style="list-style-type: none"> <li>• Bug-catching jars with lids</li> <li>• Clipboards with paper and crayons</li> <li>• Magnifying glasses</li> </ul>                                                                                                                                                                                                                                                                                   | Key Vocabulary:<br>observe, crawl, flutter                                     | Support:                                                               |