Lesson 1: The Honeybee

What You Need

For a group of 32, including yourself:

- Construction paper (9” x 12” size) for paper bee:
  - 5 sheets of yellow
  - 9 sheets of white
  - 2 sheets of black
- white paste or glue
- newspaper
- tray for demonstration
- blue paper for mural (about 18’ x 4’, see pages 70–71 for more details)
- 3 copies of “The Honeybee” poster (master included, page 13)

For each child and yourself:

- 1 copy of “The Honeybee” poster
- 1 pair of scissors
- 1 pencil

Activity for a Learning Center

What You Need

For a group of six students:

- 6 dead bees (See page 69 for information on obtaining dead bees.)
- 6 cotton balls
- 1 egg carton
- 3 copies of “The Honeybee” poster
- 6 magnifying glasses (optional)

Lesson 2: Bees and Flowers, Pollen and Nectar

Session 1: Pollen

What You Need

For a group of 32, including yourself:

- colored construction paper (9” x 12”)
  for flowers and grass:
  - 32 sheets of white and/or orange
  - 20 sheets of green
  - 1 sheet of yellow
- white paste or glue
- “Bee Covered with Pollen” poster (master included, page 22)
“Bee’s Pollen Baskets” poster (master included, page 23)
- paper bees
- blue paper for mural
- 1 tray
- 1 trash can
- 4 or more containers for paper pollen and stamens, and for real flowers
- newspaper

For each child and yourself:
- 1 flower with pollen (see #1 in Getting Ready on this page)
- 1 cotton ball
- 1 pair of scissors
- 1 pencil

Session 2: Nectar

What You Need

For a group of 32, including yourself:
- “Bee’s Proboscis” poster (master included, page 24)
- 4 trays
- 1 trash can
- 1 bottle or can of fruit juice, 64 oz. size
- 1 jar of honey, 8 oz. size
- 1 sheet of waxed paper (12” x 24”)
- sponges for cleanup

For each child and yourself:
- 1 paper cup, 3 oz. size or larger
- 1 drinking straw cut in half to a length of about 4”
- 1 damp paper towel

Lesson 3: Building A Beehive

What You Need

For a group of 32, including yourself:
- yellow, brown, or white butcher paper, approximately 8’ x 3½’ for a large hive
- 2 sheets of yellow construction paper (9” x 12” size) for adding wax scales
- 1 sheet of waxed paper (12” x 12”)
- 1 large pair of scissors for cutting out the hive
- 1 chunk of wax
- other wax objects, such as birthday candles, crayons, and lipstick
- paper demonstration bee
- demonstration tray
- newspaper
- white paste or glue
- mural with bees and flowers
- “Beehives” poster (master included, page 33)
Lesson 4: What's In A Hive?

Session 1: Exploring Honeycomb

What You Need

For a group of 32, including yourself:

- 1 8-oz. package of honey in the comb
  (available in many health food stores)
- 1 sheet of waxed paper (12" x 24")
- 1 paper plate
- 1 trash can
- 2 or 3 sponges
- 3 trays

For each child and yourself:

- 1 damp paper towel

Session 2: The Queen Bee and Her Babies

What You Need

For a group of 32, including yourself:

- construction paper (9" x 12") for queen bee:
  - ¼ sheet of white, 6" x 4½"
  - ¼ sheet of yellow, 3" x 9"
  - ⅛ sheet of black, 2¼" x 3"
- construction paper (9" x 12") for pollen,
  honey, eggs, larvae, and pupae:
  - 2 sheets of yellow
  - 2 sheets of brown
  - 2 sheets of white
- "The Queen Bee and Her Eggs" poster
  (master included, page 50)
- "The Larvae" poster (master included, page 51)
- "The Pupae" poster (master included, page 52)
- demonstration bee
- paper hive with egg carton cells inside
- white paste or glue
- newspaper
- 3 trays
- 34 3-oz. paper cups
- 1 8-oz. jar of honey (same jar used in
  Lesson 2)
- 4 graham crackers
- 1 small bag (plastic or paper)
- 1 sponge
- 1 trash can

For each child and yourself:

- 1 pencil
- 1 pair of scissors
- 1 drinking straw cut in half to a length of
  about 4"
Session 3: Young Bees Drama

What You Need

☐ mural with flowers
☐ paper hive with egg carton cells
☐ all the paper bees, including the queen

Lesson 5: Bee Enemies

What You Need

For a group of 32, including yourself:

☐ mural with bees, flowers, and hive
☐ peppermint extract or any familiar scent
☐ newspaper
☐ white glue or paste
☐ 1 plastic bag for cotton balls
☐ 1 demonstration tray
☐ Bee Enemies story, page 57

For each child and yourself:

☐ 1 white crayon or piece of chalk
☐ 1 pair of scissors
☐ 1 sheet of 9" x 12" black construction paper
☐ 1 cotton ball

Optional:

☐ a different familiar scent
☐ extra cotton balls
☐ 1 plastic bag for cotton balls
Lesson 6: Bee School, Beelines, and Bee Dances

What You Need

For a group of 32, including yourself:

- 9" x 6" piece of yellow construction paper for pollen
- white glue or paste
- demonstration bee
- 1 bunch of real flowers
- 1 demonstration tray
- newspaper
- mural with bees, flowers, beehive, and skunk
- “Bee Covered with Pollen” poster (master included, page 22)
- “Bee’s Pollen Baskets” poster (master included, page 23)
- 1 piece of chalk (optional)