



POLLINATOR POWER

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5 DAYS OF AFTER SCHOOL LESSON PLANS

GRADES K-5

**BEST
DAY
EVER!**



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BESTDAYEVER.FUN

POLLINATOR POWER

Children will be busy in this interactive week of buzzy bee-themed activities! Key learning concepts will be fun and exciting as discoveries are made and games are played! While the lesson plan incorporates many different Pennsylvania Learning Standards, children will engage in specific activities that meet the PA Standard Areas of Science, Social Studies, Health, Wellness, and Physical Development, and Visual Arts.

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SCHEDULE

DAY 1: MAKER MONDAY

MASON BEE HABITATS

30 MINUTES

DAY 2: STEM TUESDAY

POLLINATION PROJECT

30 MINUTES

DAY 3: AROUND THE WORLD WEDNESDAY

BUZZ OVER TO INDIA

30 MINUTES

DAY 4: ARTSY THURSDAY

BUMBLE BEE BUDDIES

30 MINUTES

DAY 5: FIT FRIDAY

BUMP THE BEE BALLOON

30 MINUTES

MATERIALS LIST

- World map or globe
- Clean, empty aluminum cans
- Paper, cut into 5" long strips
- Cardboard rolls, 2 per student
- Liquid glue
- Pencils
- Clear sticky tape
- Craft paint and paintbrushes, optional
- Parmesan cheese or bouillon powder
- Paper plates
- Chenille stems
- Cotton swabs
- Tweezers
- Plastic drinking straws
- Artificial flowers
- Cardstock or poster board
- Pencils
- Yellow and black paint
- Paint brushes
- Cups for water
- Paper towels
- Scissors
- Googly eyes
- White coffee filters
- Black chenille stems, cut in 1/4s
- Masking tape
- Balloons

SHOPPING LIST

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DAY 1: MAKER MONDAY

MASON BEE HABITATS



ACTIVITY/CONCENTRATION

Description of Activity:

- **STEP 1:** Tell students there is a kind of bees called Mason Bees that are great pollinators but who do not sting. They live inside holes that are usually created by wood-boring insects. They spread pollen from one plant to another to help them grow, but there's nothing to be afraid of! We want lots of mason bees around!
- **STEP 2:** Give each student a clean, empty tin can. If time allows, they can paint this can with craft paint!
- **STEP 3:** Give each student sheets of paper cut to the same width as the can and about 5" long.
- **STEP 4:** Have them stack 5 sheets of paper on top of one another, then place a pencil at the end of the paper and tightly roll the paper around the pencil.
- **STEP 5:** Use clear sticky tape to secure the roll, then remove the pencil. Repeat until you have about 30 rolls.
- **STEP 6:** Have students squeeze a small amount of liquid glue into the bottom of the can, then add cardboard rolls into the tube.
- **STEP 7:** Fill the empty spaces with the paper rolls so that the can appears to be filled with thick paper straws.
- **STEP 8:** Allow the can to sit upright, pressing the paper rolls so that they touch the glue on the bottom of the can.
- **STEP 9:** Allow to dry. If more paper rolls are needed to fill the can, add them so that all of the tubes are in the can tightly.
- **STEP 10:** Tell students these will be best if they are secured tightly about 3 feet above the ground, facing sideways.



DURATION/SCHEDULE

30 minutes



MATERIALS

- Clean, empty aluminum cans
- Paper, cut into 5" long strips, the same width as your cans
- Cardboard rolls, 2 per student
- Liquid glue
- Pencils
- Clear sticky tape
- Craft paint and paintbrushes, optional



LEARNER MODIFICATIONS



GOALS/OBJECTIVES

- Use non-conforming objects to create representations of real-life objects
- Complete multi-step tasks with independence



STANDARDS

- 9.1.D 2.E
- AL.2 1.B