

## Carbon Capers: Little Eco-Explorers on a Nature Quest

Objective: Get ready for a wild ride as we embark on "Carbon Capers," a curriculum specially designed for our youngest eco-detectives in grade 1

1. The mission? Uncover the secrets of carbon and become guardians of the great outdoors. Through adventures, stories, and experiments that'll make you giggle, our little ones will be carbon connoisseurs in no time.

### Module 1: Let's Explore Carbon - The Carbon Scavenger Hunt

- Lesson 1: Carbon Quest Kickoff ◦ Brief introduction to carbon with a sneak peek into the mysterious world of carbon. ◦ Fun and interactive games like "Find the Carbon" to turn our little explorers into carbon detectives.
- Lesson 2: Carbon in Everyday Life - Carbon Bear Chronicles ◦ Storytime: Join Carbon Bear on his daily adventures exploring where carbon hides in the environment. ◦ Show and tell: Students bring in their carbon treasures (cue the laughter).

### Module 2: The Amazing Carbon Cycle - Dance Party Extravaganza

- Lesson 3: The Carbon Cycle Boogie ◦ Introduction to the carbon cycle through a funky dance party. ◦ Basic understanding of how plants, animals, and humans groove to the carbon cycle beat.
- Lesson 4: Let's Draw the Carbon Cycle - Doodle Disco ◦ Creative drawing activity where students doodle their version of the carbon cycle. ◦ Displaying the masterpieces in the classroom to make it a carbon art gallery.

### Module 3: Our Green Friends - Plants - Superhero Green Thumb Time

- Lesson 5: Plants Need Carbon, Too - Photosynthesis Fiesta ◦ Understanding how plants use carbon dioxide for their photosynthesis party. ◦ Hands-on planting activity to grow a mini-jungle in the classroom (prepare for adorable overgrowth).
- Lesson 6: Let's be Carbon Heroes - Capes and Capers ◦ Craft activity: Creating superhero capes with "Carbon Hero" emblems. ◦ Discussion on how our little carbon heroes can save the day by helping plants and trees (cue the superhero theme music).

### Module 4: The Air We Breathe - Breathe Easy Breeze Bash

- Lesson 7: Clean Air, Happy Lungs - Air Quality Comedy Club ◦ Simple discussion on why clean air is vital for humans and animals, sprinkled with a few jokes. ◦ Craft

activity: Crafting "clean air" posters with cotton ball clouds (the fluffier, the better). • Lesson 8: Fun with Wind and Carbon - Kite Carnival ◦ Outdoor activity: Flying kites to understand the breeze and its role in spreading carbon love. ◦ Connecting wind to the dispersal of carbon in the atmosphere while enjoying kite capers.

Assessment: • Teacher observation during activities (bonus points for giggles and excitement).

- Creative assessments like drawing, storytelling, and craft projects that showcase each little eco-detective's unique flair.

- Informal discussions to gauge understanding, with a side of laughter.

By the end of "Carbon Capers," our grade 1 eco-detectives will have a basic understanding of carbon, a heart full of curiosity, and a commitment to be the ultimate guardians of nature. The emphasis is on fostering giggles, appreciation, and a sense of responsibility towards the environment because, after all, saving the planet is more fun with laughter!

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