



# GABIE Bus Field Trips

Hands-On STEM • Runs during the school day • Standards-aligned for K-5



## The STEM Field Trip That Comes to You



### We Come to You

No transportation, no lost day, no stress.



### Every Kid, Hands-On

Small rotations, students do, not just watch.



### Florida Standards

Mapped to NGSSS standards for all grades.



### Genuinely Fun

The cool, different day that they will remember.

## Choose a Theme or Mix-and-Match



Recommended VPK - 2<sup>nd</sup>

### Plants & Agriculture

From Florida's crops to the food on your plate

Plant seeds to bring to class after learning about life cycles and soil

Hand-grind wheat into flour at the mill

Explore and touch Florida's crops and products aboard the GABIE Bus



Recommended 3<sup>rd</sup> - 5<sup>th</sup>

### Energy & Motion

Electricity, forces, and a race against the clock

Generate real lightning with our Van de Graaff generator

Team-based Force & Motion challenge

Escape Room (with math, space, and literacy puzzles)



New for VPK - 5<sup>th</sup>

### Space

Rockets, constellations, and the solar system

Creating constellations while learning about stars

Launching air-powered rockets

Solar system scavenger hunt on the GABIE Bus

**How does it work?** Each class rotates through **3 hands-on activities**, about 20 minutes at each station for **one hour per class**. We build the schedule around your bells, lunches, specials, etc.

**Want more or less time?** Choose a 40, 60, 80, or 120-minute visit by adding/removing activities.

**How many students?** Each station is designed for a class of 15–25. For larger groups, we bring additional GABIE Instructors so **up to 3 classes can participate at once**, allowing us to serve up to **18 classes in a day**. Got even more? We'll simply add another day at no additional travel cost.

## Your Simple Field Trip Solution

K-5 STEM Enrichment • Approved Vendor in 10+ FL Counties • Title I Funding Eligible

# The Full GABIE Activity Menu

Every activity we offer. Pick a ready-made theme or build your own visit.



## Want something different? Mix & match!

Our themes are suggested pairings, but you can choose any 3 activities from the menu below for your visit. It's still the same simple schedule, pricing, and logistics.

### GABIE Bus Agriculture Tour

Students climb aboard to explore 8 hands-on agriculture stands — touching Florida crops in their raw form and the everyday products they become. Exhibits on animals in agriculture and a chicken coop round out the tour.

### GABIE Bus Escape Room

Small teams race each other to win an “Escape Room” style game by cracking math, space, and literacy puzzles to uncover clues. A silly story-driven setup gets them laughing before the game even starts!

### GABIE Bus Space Tour

Students come aboard the GABIE Bus and explore the solar system by looking up at our immersive solar system ceiling. A grade-level scavenger hunt activity sends them excitedly hunting all over the bus and solar system!



### Seed Planting

Every student plants their own sunflower in a take-home cup after learning what plants need to grow. We can provide an optional worksheet so classes can draw or chart the growth back in the classroom for ongoing learning.



### Wheat Milling

Students discover how their favorite foods come from wheat. We explore types of energy used to create change by grinding wheat into flour. Everyone tests their strength with our hand-cranked mill machine!



### Lightning Generator

Students generate real mini lightning bolts with our Van de Graaff generator and watch electrical energy transform into light, heat, and sound right in front of them. They explore other forms of static electricity in nature.

### Force & Motion

We explore forces, gravity, and the laws of motion. Followed by a team-based challenge where students physically experience pushes and pulls, gravity, and how opposing forces can balance each other.

### Rocket Launchpad

What better way to understand gravity than to launch rockets skyward and explore what brings them back down? Students have a blast launching air-powered rockets while competing to go higher and land on target.

### Night Sky Navigator

Students learn about stars — different types, colors, and sizes. We explore constellations and how their patterns have been used to navigate and track seasons. Everyone takes home a star-themed crafting project!

Every activity runs about **20 minutes**. Three activities make up a standard one-hour visit per class.

**Want more?** We can add extra activities for a longer 1.5-2 hour visit.

# Aligned to Florida Standards, Grade by Grade

Every visit is mapped to Florida NGSSS science benchmarks — adapted to each grade's level and curriculum.

The table below shows the standards theme by theme/grade. ★ REC = our recommended theme for that grade.

Reach out to request a more detailed breakdown of activities and standards for specific grades.

| Grade | Plants & Agriculture                                                     | Energy & Motion                                                     | Space <span>NEW!</span>                                  |
|-------|--------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------|
| K     | ★ REC<br>SC.K.E.5.3/5.5/5.6, SC.K.L.14.3,<br>SC.K.P.9.1/13.1, SC.K.N.1.4 | —                                                                   | SC.K.E.5.1 - 5.6,<br>SC.K.P.8.1/12.1/13.1                |
| 1     | ★ REC<br>SC.1.E.6.1, SC.1.L.14.2/17.2,<br>SC.1.P.8/12/13.1, SC.1.N.1.1/3 | —                                                                   | SC.1.E.5.1 - 5.4,<br>SC.1.P.8.1/12.1/13.1                |
| 2     | ★ REC<br>SC.2.E.6.2/6.3, SC.2.L.16.1,<br>SC.2.P.8.1/9.1/13.1/13.4        | —                                                                   | SC.2.E.7.1/7.2,<br>SC.2.P.8.1/8.2/13.1/13.3/13.4         |
| 3     | SC.3.E.5.1/5.2, SC.3.N.1.1/1.3<br>SC.3.L.14.1/14.2/15.2/17.2             | ★ REC<br>SC.3.E.5.1/5.2,<br>SC.3.P.8.3/10.1/10.2/11.1/11.2          | SC.3.E.5.1 - 5.5,<br>SC.3.P.8.3/10.1 - 10.4/11.1         |
| 4     | —                                                                        | ★ REC<br>SC.4.E.5.2, MA.4.M.1.2,<br>SC.4.P.10.1/10.2/12.1           | SC.4.E.5.1 - 5.4,<br>SC.4.P.8.1/10.1/10.2/10.4/12.1/12.2 |
| 5     | —                                                                        | ★ REC<br>SC.5.E.5.3, MA.5.AR.2.2,<br>SC.5.P.10.1 - 10.4/13.1 - 13.4 | SC.5.E.5.1 - 5.3,<br>SC.5.P.10.1/10.2/13.1 - 13.4        |



**Our Recommendation:** Plants & Agriculture for VPK-2<sup>nd</sup> and Energy & Motion for 3<sup>rd</sup>-5<sup>th</sup>. Space as an exciting new option for return visits to any grade.

“

*We had the GABIE Bus come to our school for 2nd grade. It was a blast, the timing was terrific and the students were engaged the entire time. The experience was a 10/10 as one teacher put it.*

— Natalie Carver, Pine Crest Elementary, Seminole County

“

*Our students enjoyed an exciting onsite STEAM field trip where they learned all about planting crops and how things grow. A memorable experience that brought science, nature, and imagination together right here at school.*

— Eneida Hartner Elementary, Miami-Dade County

## Let's Bring the GABIE Bus to Your Students!

Check availability by email, text, or call today:

[bookings@bookgatiebus.com](mailto:bookings@bookgatiebus.com) • [www.gatiebus.com](http://www.gatiebus.com)  
305-501-2883 (Miami/SW FL) / 407-233-1871 (Central FL)

