



Bring a real space mission to your students, **without adding weeks of planning to your plate.**

Above the Bell delivers a turnkey STEM experience that combines classroom learning, real-world data, and the excitement of a **high-altitude balloon mission** to the edge of space.



100,000 ft

Near-space altitude on every flight



Grades 3–5

One curriculum, grade-level options



4–8 weeks

Ten 30–45 min briefings + launch day

WHY IT WORKS FOR SCHOOLS



Ready for the classroom

Complete lesson plans, student materials, and teaching guidance in print, digital, or both.



Connected to standards

Science, math, engineering, and data skills mapped to NGSS* practices and core ideas.



Professionally coordinated

We handle flight requirements, launch, tracking, and recovery. No aerospace background needed.



Built for lasting learning

Students analyze real flight data from the payload their own class helped prepare.

WHAT'S INCLUDED Every mission ships complete



Student mission materials

Notebooks, activity pages, and a classroom welcome kit



Ten-module curriculum

Teacher guides, slides, vocabulary, and answer keys



The mission payload

Cameras, sensors, and GPS, on-site for a full week



Prediction challenge

Every student predicts the landing zone before launch



Launch-day coordination

Flight requirements, weather calls, and on-site operations



Live Mission Control

Altitude, speed, temperature, and near-space photos



Certificates & patches

Recognition for every student on the mission crew



Ongoing teacher support

A direct line to our team before, during, and after

LEARNING OUTCOMES

Practical, **hands-on instruction** in atmospheric science and space exploration. Students build real-world skills on a mission they will remember for years.

Asking scientific questions

Weather, climate & Earth systems

Analyzing & interpreting data

Developing & using models

Engineering design

Carrying out investigations

Math & computational thinking

Communicating findings

Each outcome maps to NGSS* science and engineering practices, plus core ideas in weather, climate, and engineering design.



FUNDING & SPONSORSHIP

Mission pricing scales with the number of students you involve, from a single classroom to a full grade level.

- **Sized to your group.** Scoped by headcount, timeline, and goals.
- **School and grant funding.** STEM/STEAM grants, Title funds, PTA/PTO, and foundation awards.
- **Community sponsorship.** Ready-made outreach materials for local sponsors.



SAFETY & COMPLIANCE

Every mission is managed by a certified private pilot under FAA Part 101 requirements for unmanned free balloons.

- FAA Part 101 notices, operating limits, and flight coordination
- Adult-led launch and recovery operations
- Weather-based go / no-go decision before every flight
- Commercial insurance secured before contracted program activities; certificate of insurance provided to schools before the program begins

Ready to bring a mission to your school?

Tell us your grade level and timeline, and we will build the plan around it.

(833) 278-2235

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HOW THE MISSION WORKS

Five guided steps take your students from classroom lessons to near-space and back, carrying experiments they choose and prepare themselves. **Wrigley, the Mission Control Captain, introduces every phase** while our team handles the flight.

- Guided mission lessons
- Hands-on experiments
- Live flight tracking
- Near-space data & photos

EXAMPLE 7-WEEK PLAN Pacing is flexible. Most classes finish in 4 to 8 weeks.

LEARN Weeks 1–2	PLAN Weeks 3–4	BUILD Week 5	★ LAUNCH Week 6	DISCOVER Week 7
1 LEARN Build the science foundation for flight WEEKS 1–2				
WHAT YOU'LL DO - Begin the ten Mission Briefings - Claim a crew role and open the Mission Notebook - Study air density and temperature at altitude		WHAT WE'LL DO - Deliver NGSS-aligned* curriculum, print or digital - Send a welcome kit to kick off the mission - Support teachers through every briefing		
2 PLAN Turn the science into a mission plan WEEKS 3–4				
WHAT YOU'LL DO - Choose a launch day from the forecast - Select flight sensors and refine mission teams - Predict the flight path and landing zone		WHAT WE'LL DO - Unlock digital Mission Control for your class - Recommend launch days, sensors, and flight paths - Approve the plan and coordinate logistics		
3 BUILD Pack the payload and finalize the plan WEEK 5 • T-1				
WHAT YOU'LL DO - Pack experiments alongside your chosen sensors - Learn how each sensor works and what it measures - Review and finalize the mission plan		WHAT WE'LL DO - Guide payload packing and sensor setup - File FAA notices and launch-day logistics - Collect the payload for final readiness checks		
4 LAUNCH Watch the mission fly, live WEEK 6 • LAUNCH DAY				
WHAT YOU'LL DO - Log in to Mission Control for the live launch - Track altitude, speed, temperature, and location - View camera snapshots streamed from near space		WHAT WE'LL DO - Launch and track under FAA and safety protocols - Meet the payload at the landing site - Announce the landing-prediction winner		
Live • Wrigley-1 Alt 102,458 ft Temp -62°F Ascent +5.2 m/s				
5 DISCOVER Turn recovered flight data into discoveries WEEK 7 • RECOVERY				
WHAT YOU'LL DO - Unpack the returned payload and experiments - Analyze the data and check it against predictions - Share your discoveries with the class or school		WHAT WE'LL DO - Deliver the recovered payload back to school - Send every student a certificate and mission patch - Support the class through analysis and debrief		



THE TEN MISSION BRIEFINGS About 30–45 minutes each, in print or digital, guided by Wrigley from kickoff to debrief.

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|----------------------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| 1 Mission Control Academy | 2 Journey to the Edge of Space | 3 Meet the Payload | 4 Design Like an Engineer | 5 Weather: Go or No-Go |
| 6 Lift, Burst, and Descent | 7 Predict the Landing Zone | 8 Launch Day Rehearsal | 9 Live Mission Control | 10 Recovery & Mission Debrief |

LANDING SITE



Put your class in Mission Control.

We will scope the mission around your grade level, headcount, and calendar.

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