



CLASSTRONAUTS

Mission Packages 2017

Conduct your own near space launch!



OUR MISSION

We are a small team of engineers, educators and space fanatics whose mission is to inspire the next generation of scientists and explorers by bringing the edge of space right into the classroom.

Each project is designed to meet the age range and needs of your pupils and includes education resources and classroom workshops to turn an exciting launch day experience into a lifetime of learning.

“An unforgettable experience”

- Harry F., Y11 pupil, Haywood Academy



LAUNCH

Conduct an awe-inspiring space launch for the whole school. Every launch is unique, whether you want to send your school mascot, a logo or photo, a scientific experiment or something completely different; we can make it happen.

From your school yard or playground, join in the countdown and watch the your payload rise up into the sky.

We can even help your pupils design and build their own payload!



Once the balloon is in the air, follow its progress on our online map while our team head out to the predicted landing site. We'll give you live updates of our progress throughout the journey and you can even see low resolution photos streamed live from the payload.

After we recover the payload, we will send your feature item back to you in the post, along with an edited high definition video of your flight and all the processed data and graphs from our Black Box data recorder.



LEARN



Before the launch, we can present an assembly to your pupils tailored to their current learning stage. We cover all the basics necessary to understand a near space balloon launch from Earth and atmosphere, to buoyancy and pressure all with exciting visual stimulus.

After the assembly, we can conduct workshops with individual classes to explain in more detail the process of conducting a launch. Here the pupils can handle a completed space-craft and see all the equipment in action!

We provide lesson plans, presentations and worksheets after the launch covering the full range of related topics for KS2, 3 and 4. Along with your data from our Black Box, you can continue the excitement beyond the launch day.

"It was wonderful to see the enjoyment and engagement of our pupils as they learnt about the technology and science behind the journey."

- Judith Marion, Duncombe School





LEGACY

"What could be more inspiring than 200 kids launching their carefully crafted modules and scientific experiments to the edge of space?"

-Jason Bradbury, Channel 5's The Gadget Show

When you do something you're proud of, you want people to know about it. Our launches have repeatedly made national press and we can work with media outlets to boost local coverage.



Our video editors can produce a 'behind the scenes' video of the launch day and recovery so your pupils can see how the launch happens after we leave the school, and you can showcase your stunning near space images.

"The Classtronauts team have generated images, videos and experiences that will live long in the school and student's memories. Thank you!"

- Chris Barnes, Oldham Academy North



PACKAGES

Mission Control:

Our team will launch your spacecraft from our headquarters site in Sheffield. Your school will become mission control as you interact with the launch via live video link. Watch the progress of your balloon on a live map and see live images from your spacecraft.

School Launch Site:

Our team will launch from your school including a half day of assembly and workshops. Travel for our team is included in the price.

Final Frontier:

As School Launch Site with a second half day for project debrief to review data and footage from the flight. Includes a balloon upgrade and our video editing and photography services.

Upgrades:

Want the balloon upgrade and photographer from the Final Frontier package without the second day? Ask for a quote for these to be included in the School Launch Site package.



CONTACT US

Contact us today for a quote or with any questions you may have on:

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or

education@sentintospace.com

