



‘Succeed Like an Astronaut’ Student Program



“Firing up a child’s imagination is like igniting the booster engines of a rocket, the possibilities are limitless.”

Program Overview

The OneOrbit ‘Succeed Like an Astronaut’ program is an innovative, collaborative and immersive system designed by a former ISS Commander and NASA Master Science educator to deliver a unique combination of:

- Leadership and character development messaging
- Experiential STEM Education
- Bullying and Drug Awareness

in a way that excites the imaginations of students of all ages, re-energizes great teachers in all stages of their careers, and assists administrators in fulfilling educational requirements in a fun, exciting and memorable way.

Our ‘Succeed Like an Astronaut’ student program is specifically designed to inspire young people to find the courage to follow their dreams by overcoming obstacles and rejecting mediocrity – just as every astronaut did, starting when they were young.

Our student program will open students’ minds to the excitement and wonder of science, math and technology, while providing tools and strategies to help students overcome fear and insecurity.

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Beyond the Classroom

All students face challenges as they progress through school. Far too often, we forget that those who have succeeded, those who have achieved the pinnacle of their profession, also struggled on their way up. These lessons go way beyond STEM and the classroom. Students’ concentration is immediately heightened when they learn...

Even an ISS Commander faced major challenges

Students will hear directly from Dr. Chiao stories of how he too struggled with difficult issues of youth:

- Frustration with difficult subjects
- Overcoming failure and rebounding
- Being ‘different’ and bullied
- Making the right decisions on drugs and health



The Unique Design of the ‘Succeed Like an Astronaut’ Program

First and foremost, Your Students: Every space mission has a primary mission objective, this program is designed in the same way. The primary purpose of ‘Succeed Like an Astronaut’ is to inspire and educate your students to have the courage to find and follow their passion, while emphasizing the importance of personal character.

Teachers: One of the factors which move our program beyond day-visit, “one-and-done” style programs is that we will have contact with your teachers and staff prior to arrival and provide support after our visit. Prior to arrival, they will receive The OneOrbit Curriculum, which are specific lessons are designed to enhance OneOrbit messages and provide a follow-through continuity. Teachers receive lessons to be used on the day of our visit as well as lessons to be interspersed through the rest of the school year.

Community: Using our own motto of “make the most of your OneOrbit,” we offer an optional community event, organized by the school. You get to decide the magnitude of this event and the guest list (community leaders, VIPs, business owners, families, etc.). A community event with an astronaut is a terrific way of building stronger connections among the three pillars of a community: education, business and civic leaders.

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- Pre-launch: Teachers receive The OneOrbit Curriculum lessons prior to our arrival
- Lift off: Inspirational personal presentation, designed for students by Dr. Chiao
- Mission experiments: Hands-on, in-class experiential STEM exercises
- Splashdown: Community event hosted by the school in the evening
- Future Missions: We follow up with teachers on OneOrbit curriculum

Dr. Chiao delivers an exciting and motivating presentation, using his personal stories against the backdrop of spaceflight. He inspires students to find their own dreams, to have the courage to pursue them, and the perseverance to see them through!



NASA-Certified Master Science Teacher Jami Sunkel facilitates teachers to bring experiential STEM exercises to the students in their classrooms, through targeted OneOrbit Curriculum lessons. These experiences are specifically designed to dovetail with the messages in Dr. Chiao's presentation.

The OneOrbit Curriculum lessons are detailed experiential STEM lessons, uniquely designed to build on Dr Chiao's motivating presentation. The lessons are sent to the school and discussed with teachers prior to our arrival. Specific lessons are performed during our visit as OneOrbit in the Classroom exercises. A schedule is provided to illustrate how the remaining OneOrbit Curriculum lessons can be continued throughout the school year, to help the students make the most of their OneOrbit!

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The Benefits of the ‘Succeed Like an Astronaut’ Program

Your Students:

It’s been said that “the market for something to believe in is infinite.” By participating in the ‘Succeed Like an Astronaut’ program, your students will receive inspiration, knowledge and practical tools for achieving anything they desire from one of the rarest of sources – an American astronaut who has commanded the ISS and spent 229 days in space!



Your Teachers and Staff:

Beyond the inspiration they will receive hand in hand with their students, your teachers will receive a true partner in their quest to educate their students in inspiring and meaningful ways while also convincing them that they each have the capacity to achieve their dreams. The unique nature of The OneOrbit Curriculum ensures that the learning from our visit continues throughout the year.

Your Community:

The optional OneOrbit Community Night event brings education, business and civic leaders together for a social event with an astronaut. The doors are opened to help strengthen the connections which allow these three pillars of the community to work together to create more success for all involved.



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‘Succeed Like an Astronaut’ Student Program

‘Succeed Like an Astronaut’ is akin to a “Reverse” Field Trip

Bringing OneOrbit to your school or district is just like providing your students with a field trip, only without the administrative and logistical issues of a traditional one

What you get with a full OneOrbit visit:

OneOrbit will bring MORE than a traditional field trip, experiences and all, right to your school:

- An inspirational presentation delivered by an astronaut
- Hands-on experiences, including STEM projects, to learn through doing
- Direct connections to how the OneOrbit lessons relate to the work your students are doing in their own classrooms

OneOrbit goes BEYOND a traditional field trip:

- The OneOrbit Curriculum is provided to your teachers prior to our arrival
- Video or phone discussions of the lessons prepare your teachers
- A OneOrbit Master Teacher will help facilitate your teachers to deliver the first OneOrbit lesson in their classrooms
- Your teachers keep the remaining OneOrbit curriculum lessons to use throughout the school year (with OneOrbit staff support anytime it’s needed)
- An optional community event, to bring the local community together
- OneOrbit provides the ability to have a single program serve all three school levels – elementary, middle and high school

What you WON’T have to do as you would with a traditional field trip:

- Search for a destination and ensure they have an open date that works
- Potentially eliminates the need to find three separate field trip locations
- Set up transportation for your students
- Develop a schedule for the field trip
- Get chaperones/ volunteers to ensure the field trip is properly staffed
- Organize lunch for your students and staff