



The OneOrbit Curriculum

Curriculum Description



Nearly all educators, at all levels, have seen some version of this checklist of how to create effective lessons. But familiarity with this list is also what hinders successful implementation of great lessons. Too many lessons are lacking one or more of these steps, in either design or implementation, and are thus losing their effectiveness.

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| 1. Begin with standards | 5. Real world application | 9. Design |
| 2. Plan outcomes, not activities | 6. Use technology | 10. Meaning |
| 3. Think cross-curricular | 7. Have a plan B | 11. Story/Narrative |
| 4. Collaborate | 8. Love your lesson | 12. Fun |

Every OneOrbit Curriculum lesson has been created to ensure it is a fun and effective lesson, with one huge bonus. Each lesson in our curriculum is specifically linked to a personal story from Dr. Chiao in how he either used that particular lesson himself or how he had to overcome a particular challenge.

Students and teachers alike have shared with us stories of how being able to connect experiential lessons they are performing in class to an actual astronaut they met at their school has had a lasting and ingraining effect on students.

Because the OneOrbit lessons cover a broad spectrum of topics (well beyond just STEM), teachers in any subject area are able to link lessons they are teaching to the OneOrbit lessons to truly create a full-spectrum, integrated curriculum.

OneOrbit Custom Lessons

- **OneOrbit - Initiative and Dreams**
- **The Mars Curse - Courage and Overcoming Failure**
- **No Bullies on Mars - Inner Strength and Teamwork**
- **Earthling - Understanding Diversity**
- **Our Beautiful Universe - Creativity**
- **You're going on a Space Walk! Finding your FLOW- Have a Mission that Matters-Passion, Drive, Meaning.**
- **Curiosity is More than a Rover - Lifelong Learners**

After our visit to your school, your teachers will have access to us to ask questions or get assistance with the

remaining OneOrbit Curriculum lessons to be performed throughout the school year.

