



Welcome to our Next Generation Science 5th Digital Star Box!

Great Basin National Park and Great Basin National Park Foundation are very excited to share these learning resources all about the wonder of the cosmos. There are 6 fifth grade Next-Generation science standard aligned lesson plans that are formatted specifically for teaching in the hybrid, remote, and flipped classroom environment. Each lesson has a fun interactive component that can be completed independently or in the classroom.

Lessons can be done independently, but for a scaffolded approach we suggest this order:

1. Worlds in Comparison
2. Toilet Paper Solar System
3. Gravity and Your Weight in the Solar System
4. Stars and Constellations
5. National Parks at Night
6. Engineering a World without Light Pollution

We hope that this Great Basin Star Box helps you to teach STEM and to inspire your students to love science, ecology, and the beauty of a dark night sky. Schools are disrupted and field trips are on hold, but that can't stop us from connecting to each other, to Parks, and to the special place we live within our Solar System.

We invite you to schedule a **Virtual Visit** for your class to Great Basin National Park after completing three or more lessons. Email greatbasinobservatory@gmail.com to arrange your visit with a Park Ranger, Reach for the Stars educator, or Great Basin Observatory scientist.

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