

Fresno Unified and the Lyles Center are happy to offer STEM 5 lessons at home! The curriculum has been converted to 8 lessons that pull from the originals, now with an at-home twist. All the lessons have links to videos that will engage students in their thinking and give inspiration for builds. **The builds have been modified so that students can use items found around the house to create and participate in STEM activities.** And, even though we are socially distant, we want to see your work! STEM 5 At-Home now has a submission link at the end of each lesson for students to send in videos of their projects and explain their thinking, their build process, and their triumphs and struggles.



**Take a look at the list of lessons with additional lessons to be added each month!**

**Lesson 1: Energetic Ecosystems** - Dinnertime! Learn about the flora and fauna of distinct biomes like rainforests and grasslands and create your very own diorama recreation! In this lesson, students will also create food webs highlighting how energy comes from the sun and who eats who.

**Lesson 2: Widespread Waves** - Look at the stars, look how they shine for you and I. Is it like that everywhere else? This lesson explores stars and why some appear brighter than others. Students will also use waves to create a magic trick!

**Lesson 3: Pouring Particles** - Pouring Particles - Everything is matter, but does changing it matter? In this lesson we take a look at the states of matter and how a solid and liquid can inflate a balloon - hands free!

**Lesson 4: Ending Erosion** - Water and wind always have soil, rock, and sediment on the move. In this lesson, students will understand some of the tougher terminology surrounding erosion and its process while learning how plants are here to help.

**CLICK HERE TO ACCESS LESSONS**