

INTRODUCTION TO THE WATER CONSERVATION DATA JAM VIDEO TRANSCRIPT

Brought to you by the Asombro Institute for Science Education.
[background music]

Hi! I'm Ms. Em. from the team at the Asombro Institute for Science Education. I'm here to introduce you to a fun project called the Water Conservation Data Jam, which is funded in part by a grant from the Environmental Protection Agency. You'll complete this assignment in your class, either online or in person.

What is a data jam? It's a creative project that explains a data trend to an audience that's not familiar with that topic.

Here's an example from a different project that used a data set on kangaroo rats near Las Cruces. These students noted that some years there were a lot of kangaroo rats, while other years there were very few. They made piñatas to represent the kangaroo rat population size each year of the study. The circumference of the piñata is scaled to the number of kangaroo rats the scientists caught that year.

For the Water Conservation Data Jam, you'll be making a creative representation to teach people about water issues in New Mexico using a data set provided to you by your teacher. You won't be collecting your own data like a science fair project. You'll look carefully at this data set and identify a data trend, then you'll make a creative representation of this water data trend and propose a possible solution to conserve water in New Mexico. All of this will be compiled into a single report that you'll turn into your teacher.

There will be seven pieces to your final report: a title, data trend, graph, possible explanation, creative project, a solution in the form of an action plan, and a brief reflection. Some portions will be just a sentence long and others will require a paragraph.

Your teacher will set the due date and give you instructions for each part of the project. You'll have the tools available to help you on these pieces including: videos on your assignment and help from your teacher.

In your first class, we'll introduce you more to the Water Conservation Data Jam project. Then we will work through an entire example data jam as a class, where we'll analyze an example data set and then create a song or a poem as a creative project.

Welcome to the Water Conservation Data Jam! We can't wait to get started!

[background music]