



Department  
A13

1  
00:00:00,860 --> 00:00:07,440

[Music]

2  
00:00:08,380 --> 00:00:12,760

>>In August of this year, we will have the first total eclipse in 38 years.

3  
00:00:12,760 --> 00:00:15,820

It actually will cross the entire continental United States.

4  
00:00:15,820 --> 00:00:21,360

So it's a big event, not just for our local area but literally for our nation.

5  
00:00:21,360 --> 00:00:28,360

>>This is what we're all here about...there's no other planet in our solar system that has

6  
00:00:28,360 --> 00:00:31,520

a satellite such that it can cause an eclipse.

7  
00:00:31,520 --> 00:00:36,501

>>The whole purpose of the workshop is to train teachers on activities that they can do with

8  
00:00:36,501 --> 00:00:41,230

their students to engage them so that the day of the event not only can they step outside

9  
00:00:41,230 --> 00:00:46,890

to look at the solar eclipse, but to also understand the different aspects of education

10  
00:00:46,890 --> 00:00:49,110

that relates back to that within the classroom.

11  
00:00:49,110 --> 00:00:52,900

>>This would probably be helpful after they've

seen the path.

12

00:00:52,900 --> 00:00:55,090

You can really see it, can't you?

13

00:00:55,090 --> 00:00:59,420

>>One of the things that's neat about NASA Armstrong is that we actually have planes that are gonna

14

00:00:59,420 --> 00:01:05,140

be flying the day of eclipse and taking radiation measurements and gathering scientific data

15

00:01:05,140 --> 00:01:09,740

and so there's all sorts of opportunities for students to not just take a look at the

16

00:01:09,740 --> 00:01:15,820

eclipse but to become alongside NASA and be citizen scientists and truly engage in the

17

00:01:15,820 --> 00:01:18,990

science that's gathered that day.

18

00:01:18,990 --> 00:01:22,119

>>You just connected science to their everyday life.

19

00:01:22,119 --> 00:01:27,579

If you can get kids to think about the fact that when there is a sunrise and sunset, and

20

00:01:27,579 --> 00:01:33,520

that whenever there's a shadow, that there's science, and you've got them for life.

21

00:01:33,520 --> 00:01:38,680

>>This is crossing the entire continental United States, so I think that this is gonna be an

22  
00:01:38,680 --> 00:01:43,890  
event that kids will talk about for years  
because it's gonna be "where were you August

23  
00:01:43,890 --> 00:01:46,560  
21, 2017?

24  
00:01:46,560 --> 00:01:47,889  
Where did you see the eclipse from?

25  
00:01:47,889 --> 00:01:50,880  
What is a partial eclipse, what it a total  
eclipse?"

26  
00:01:50,880 --> 00:01:53,860  
It's gonna be one of those "What were you  
doing on that day?"