



1
00:00:00,110 --> 00:00:02,260
Enthusiastic teachers from around the

2
00:00:02,260 --> 00:00:04,230
country recently gathered at NASA's

3
00:00:04,230 --> 00:00:06,640
Dryden Aircraft Operations Facility in

4
00:00:06,640 --> 00:00:09,030
Palmdale, California to participate in

5
00:00:09,030 --> 00:00:11,260
NASA's Airborne Research Experiences for

6
00:00:11,260 --> 00:00:13,600
Educators and Students or AREES.

7
00:00:14,380 --> 00:00:16,880
For two weeks the educators focused on NASA's

8
00:00:16,880 --> 00:00:19,420
Earth Science programs and flight research missions.

9
00:00:20,160 --> 00:00:22,859
In the first week a dozen elementary and high school

10
00:00:22,860 --> 00:00:26,240
teachers discovered how to find NASA
educational resources,

11
00:00:26,800 --> 00:00:28,980
learned about aircraft used for earth observation

12
00:00:28,980 --> 00:00:31,320
and data collection and discovered how

13

00:00:31,320 --> 00:00:33,480
engineers integrate specialized science

14
00:00:33,480 --> 00:00:35,640
instruments into aircraft for observing

15
00:00:35,640 --> 00:00:37,800
and monitoring terrestrial changes.

16
00:00:38,740 --> 00:00:41,340
An additional 14 educators from NASA's

17
00:00:41,420 --> 00:00:43,460
Explorer Schools program joined the ARESS

18
00:00:43,460 --> 00:00:45,120
participants during the second week,

19
00:00:45,440 --> 00:00:48,280
to participate in a simulated NASA ER-2

20
00:00:48,280 --> 00:00:49,400
earth science mission.

21
00:00:50,160 --> 00:00:52,600
The teachers compared imagery and data collected by

22
00:00:52,600 --> 00:00:55,180
science instruments from previous airborne missions

23
00:00:55,560 --> 00:00:58,440
to ground data and imagery obtained during a field site

24
00:00:58,440 --> 00:01:00,160
visit in central California.

25
00:01:00,420 --> 00:01:04,019
And we're able to actually look at abstract ideas

26

00:01:04,020 --> 00:01:07,040

and concepts that are normally on paper

27

00:01:07,580 --> 00:01:09,360

and we actually had the opportunity to

28

00:01:09,360 --> 00:01:10,580

travel to different sites,

29

00:01:10,580 --> 00:01:13,350

actually conduct some research and do some

30

00:01:13,350 --> 00:01:14,980

hands-on experimentation.

31

00:01:14,980 --> 00:01:17,250

Aktutay expressed confidence that the training,

32

00:01:17,250 --> 00:01:20,080

speakers, materials and hands-on activities

33

00:01:20,080 --> 00:01:21,990

will give ARESS attendees the

34

00:01:21,990 --> 00:01:24,240

tools to create effective education

35

00:01:24,240 --> 00:01:25,180

action plans.