



 **STUDENT
SUCCESS
CENTER**
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University of Houston
Clear Lake
Academic Coaching
Students-Helping-Other-Students-To-Succeed

1
00:00:23,600 --> 00:01:23,030

so

2
00:01:27,670 --> 00:01:25,350

nasa expert dean ebler taught us that

3
00:01:29,910 --> 00:01:27,680

levels of methane would be indicative of

4
00:01:32,469 --> 00:01:29,920

either geological activity or living

5
00:01:34,710 --> 00:01:32,479

organisms on mars there are compositions

6
00:01:37,350 --> 00:01:34,720

that one sees in an atmosphere there are

7
00:01:38,950 --> 00:01:37,360

certain chemicals that can be indicative

8
00:02:01,670 --> 00:01:38,960

of

9
00:02:04,389 --> 00:02:01,680

attending apollo night and listening to

10
00:02:19,110 --> 00:02:04,399

fred hayes talk about the apollo 13

11
00:02:22,790 --> 00:02:21,110

from rachel edgarley we learned that

12
00:02:25,030 --> 00:02:22,800

different environmental conditions

13
00:02:26,949 --> 00:02:25,040

warrant different solutions and we can

14

00:02:29,270 --> 00:02:26,959

apply this knowledge in the future by

15

00:02:43,350 --> 00:02:29,280

remaining flexible and focusing on our

16

00:02:47,750 --> 00:02:45,670

monday we all decided as a whole what

17

00:02:51,030 --> 00:02:47,760

our mission parameters were going to be

18

00:03:08,630 --> 00:02:51,040

we decided on a long duration trip

19

00:03:12,070 --> 00:03:10,470

the four teams developed a powerpoint

20

00:03:13,990 --> 00:03:12,080

presentation on one of the following

21

00:03:16,309 --> 00:03:14,000

assigned topics in developing a human

22

00:03:17,910 --> 00:03:16,319

mission to mars red team was responsible

23

00:03:19,910 --> 00:03:17,920

for getting there my team was

24

00:03:21,830 --> 00:03:19,920

responsible for living there blue team

25

00:03:23,430 --> 00:03:21,840

was responsible for working there and

26
00:03:25,750 --> 00:03:23,440
great team was responsible for mission

27
00:03:27,830 --> 00:03:25,760
integration the teams used subject

28
00:03:32,070 --> 00:03:27,840
matter experts mentor knowledge and

29
00:03:36,149 --> 00:03:33,910
our team was responsible for developing

30
00:03:39,110 --> 00:03:36,159
the mission once we got on mars

31
00:03:41,390 --> 00:03:39,120
we decided to use exploration in the

32
00:03:43,990 --> 00:03:41,400
forms of paleo hydrology

33
00:03:46,949 --> 00:03:44,000
paleoclimatology spectroscopy and

34
00:03:51,110 --> 00:03:46,959
astrobiology in order to determine how

35
00:03:53,110 --> 00:03:51,120
life on mars arrived or if water on mars

36
00:03:55,429 --> 00:03:53,120
was even present

37
00:03:57,670 --> 00:03:55,439
we also used rovers and robots to help

38
00:03:59,509 --> 00:03:57,680

with our mission

39

00:04:02,070 --> 00:03:59,519

we would all like to say a huge thank

40

00:04:03,990 --> 00:04:02,080

you to our mentors the nasa staff who

41

00:04:05,670 --> 00:04:04,000

have helped us throughout the week the

42

00:04:07,670 --> 00:04:05,680

speakers who have come and visited and

43

00:04:09,750 --> 00:04:07,680

taught us so many new things the