



1
00:00:03,250 --> 00:00:07,680

[Music]

2
00:00:07,690 --> 00:00:18,840

I'll step off the lemon a plan

3
00:00:24,470 --> 00:00:21,580

[Music]

4
00:00:33,020 --> 00:00:24,480
Columbia Columbia this is Houston AOS

5
00:00:35,360 --> 00:00:33,030
door they're setting up the flag now I

6
00:00:51,399 --> 00:00:35,370
get here but the only person around that

7
00:00:58,429 --> 00:00:55,189
when I was growing up long ago I was

8
00:01:09,270 --> 00:00:58,439
about a teenager at a time when the

9
00:01:19,570 --> 00:01:14,730
we told and half that it is not

10
00:01:23,070 --> 00:01:19,580
appropriate place to visit and my riff

11
00:01:24,700 --> 00:01:23,080
my reaction was how will the elders

12
00:01:28,000 --> 00:01:24,710
respond

13
00:01:42,820 --> 00:01:28,010

[Music]

14

00:01:45,490 --> 00:01:42,830

I'm not there I'm not there go for great

15

00:01:47,220 --> 00:01:45,500

mountains hundreds of miles apart mark

16

00:01:49,750 --> 00:01:47,230

the external boundary of our homeland

17

00:01:52,390 --> 00:01:49,760

these were placed on Mother Earth by the

18

00:01:55,360 --> 00:01:52,400

holy people who made them repositories

19

00:01:58,360 --> 00:01:55,370

of the herbs plants stones and soil that

20

00:02:00,400 --> 00:01:58,370

go into the medicine bundles still used

21

00:02:05,500 --> 00:02:00,410

to heal our people and to restore our

22

00:02:08,620 --> 00:02:05,510

lives to harmony sister Jeanne to the

23

00:02:10,810 --> 00:02:08,630

east near Alamosa Colorado is the white

24

00:02:14,440 --> 00:02:10,820

shell Mountain that is represented by

25

00:02:21,400 --> 00:02:14,450

the corn plant springtime and birth the

26

00:02:22,840 --> 00:02:21,410

bear is the guardian of sister Jean the

27

00:02:25,540 --> 00:02:22,850

second mountain of the south is

28

00:02:28,570 --> 00:02:25,550

turquoise mountain represented by the

29

00:02:31,780 --> 00:02:28,580

bean plant and the mountain lion it

30

00:02:38,740 --> 00:02:31,790

represents a summer in youth the name of

31

00:02:41,410 --> 00:02:38,750

the mountain is sorta the third

32

00:02:43,930 --> 00:02:41,420

mountain is the coast lead near

33

00:02:47,050 --> 00:02:43,940

Flagstaff Arizona an abalone shell

34

00:02:49,420 --> 00:02:47,060

mountain this mountain is represented by

35

00:02:52,690 --> 00:02:49,430

the squash plant the fall season and

36

00:02:56,710 --> 00:02:52,700

adulthood the wolf and bull snake are

37

00:03:02,840 --> 00:02:59,150

the last mountain to the north is to

38

00:03:05,390 --> 00:03:02,850

bend near Durango Colorado and has the

39

00:03:07,430 --> 00:03:05,400

porcupine as it's gone the sacred

40

00:03:09,530 --> 00:03:07,440

mountain tobacco was the plant and the

41

00:03:24,500 --> 00:03:09,540

jet is the gem of the north it

42

00:03:27,440 --> 00:03:24,510

represents old age air gloria Begay she

43

00:03:31,300 --> 00:03:27,450

and she twittered eat me Angela touching

44

00:03:35,600 --> 00:03:31,310

the a versus Jean Liz's Lana a tha Otto

45

00:03:41,090 --> 00:03:35,610

toois addition Ella and this makes me a

46

00:03:44,479 --> 00:03:41,100

Navajo woman in regards to the coming of

47

00:03:47,540 --> 00:03:44,489

the astronauts into Navajo country to do

48

00:03:50,960 --> 00:03:47,550

their space science studies and then

49

00:03:54,740 --> 00:03:50,970

even also visits to the moon as I

50

00:03:57,740 --> 00:03:54,750

reflect on my youth and watching

51
00:03:59,449 --> 00:03:57,750
television in a classroom about the

52
00:04:02,840 --> 00:03:59,459
astronauts you know landing on the moon

53
00:04:06,699 --> 00:04:02,850
I was very taken back about what are

54
00:04:09,770 --> 00:04:06,709
these guys doing out there in space

55
00:04:12,710 --> 00:04:09,780
however you know knowing the sacredness

56
00:04:14,900 --> 00:04:12,720
of the moon and all of the solar system

57
00:04:16,789 --> 00:04:14,910
and everything for Navajo people we also

58
00:04:18,740 --> 00:04:16,799
said you know wait a minute here we need

59
00:04:21,349 --> 00:04:18,750
to step back and look at are they

60
00:04:23,030 --> 00:04:21,359
protecting our rights is Navajo citizens

61
00:04:24,590 --> 00:04:23,040
with all this knowledge and hopefully

62
00:04:28,340 --> 00:04:24,600
they're going to use whatever they're

63
00:04:35,570 --> 00:04:28,350

doing in a very safe and protective way

64

00:04:39,560 --> 00:04:35,580

for all of humanity negative the the

65

00:04:43,190 --> 00:04:39,570

training of the astronauts you know for

66

00:04:47,320 --> 00:04:43,200

space missions is very important I think

67

00:04:51,770 --> 00:04:47,330

for the purpose of teaching our children

68

00:04:56,060 --> 00:04:51,780

it's the exploration of the universe in

69

00:04:59,780 --> 00:04:56,070

a way is the exploration of us to our

70

00:05:00,590 --> 00:04:59,790

stories or as Navajo people since time

71

00:05:03,140 --> 00:05:00,600

immemorial

72

00:05:07,969 --> 00:05:03,150

since our emergence we've been relating

73

00:05:10,940 --> 00:05:07,979

to the Stars the Sun the Moon so when

74

00:05:16,060 --> 00:05:10,950

the Apollo astronauts came here to the

75

00:05:20,150 --> 00:05:16,070

southwest to train to travel in space to

76

00:05:23,330 --> 00:05:20,160

explore the Moon the Stars I think it

77

00:05:28,839 --> 00:05:23,340

was really appropriate it reminds my

78

00:05:32,270 --> 00:05:28,849

children my people that science is good

79

00:05:35,180 --> 00:05:32,280

that knowledge is good which our people

80

00:05:38,420 --> 00:05:35,190

our elders our medicine people have said

81

00:05:47,010 --> 00:05:43,110

one of the my first impression that I

82

00:05:49,909 --> 00:05:47,020

have had is that the growth of the

83

00:05:53,189 --> 00:05:49,919

scientific technology that it is

84

00:05:57,520 --> 00:05:53,199

possible and that they will be landing

85

00:05:58,730 --> 00:05:57,530

on the moon but at the same time that I

86

00:06:02,540 --> 00:05:58,740

[Music]

87

00:06:06,029 --> 00:06:02,550

still carry on and believe to the

88

00:06:08,960 --> 00:06:06,039

traditional first letter the moon is one

89

00:06:14,460 --> 00:06:08,970

of the sacred places in the universe

90

00:06:18,960 --> 00:06:14,470

today's NASA program living things on

91

00:06:22,589 --> 00:06:18,970

the moon my attitude is first of all

92

00:06:25,550 --> 00:06:22,599

that I have been trying to answer one

93

00:06:31,529 --> 00:06:25,560

particular questions most of my life

94

00:06:32,640 --> 00:06:31,539

about this moon program that is why are

95

00:06:36,540 --> 00:06:32,650

we doing this

96

00:06:39,839 --> 00:06:36,550

so what are we gaining from we picking

97

00:06:43,200 --> 00:06:39,849

up things from the moon or is there a

98

00:06:47,189 --> 00:06:43,210

place where the people will find a place

99

00:06:49,740 --> 00:06:47,199

to live over there or now that we are

100

00:06:53,249 --> 00:06:49,750

teaching our children the biggest

101
00:06:56,219 --> 00:06:53,259
question unspoken question people think

102
00:06:59,520 --> 00:06:56,229
about and talk about is why are we doing

103
00:07:03,600 --> 00:06:59,530
it if this Y could be simplified and

104
00:07:09,379 --> 00:07:03,610
explained to us and traditionalists then

105
00:07:12,120 --> 00:07:09,389
we most likely will change our attitude

106
00:07:14,790 --> 00:07:12,130
so why are we so interested in studying

107
00:07:17,520 --> 00:07:14,800
the moon at the universe around us there

108
00:07:19,860 --> 00:07:17,530
are many reasons but among those reasons

109
00:07:23,690 --> 00:07:19,870
is the desire to have a better

110
00:07:26,300 --> 00:07:23,700
understanding of our origins

111
00:07:29,060 --> 00:07:26,310
we have good evidence now that the earth

112
00:07:31,340 --> 00:07:29,070
and the moon formed together in the

113
00:07:35,360 --> 00:07:31,350

early days of the solar system in a

114

00:07:37,900 --> 00:07:35,370

giant collision here on the earth we

115

00:07:41,060 --> 00:07:37,910

have what we call plate tectonics

116

00:07:44,600 --> 00:07:41,070

continental drift and so it's impossible

117

00:07:46,730 --> 00:07:44,610

to find rocks from the earliest days

118

00:07:50,390 --> 00:07:46,740

still here on the surface of the earth

119

00:07:52,820 --> 00:07:50,400

and so the moon has rocks that are far

120

00:07:53,330 --> 00:07:52,830

far older than we can find here on the

121

00:07:56,510 --> 00:07:53,340

earth

122

00:08:00,070 --> 00:07:56,520

these can tell us stories of these very

123

00:08:03,950 --> 00:08:00,080

early days and so interesting

124

00:08:06,920 --> 00:08:03,960

if you want to learn about the earliest

125

00:08:10,430 --> 00:08:06,930

days appear on earth one of the best

126

00:08:14,030 --> 00:08:10,440

places to look is the moon but that's

127

00:08:19,610 --> 00:08:14,040

just part of the story we now understand

128

00:08:22,550 --> 00:08:19,620

how closely how tightly bound we are to

129

00:08:25,310 --> 00:08:22,560

the rest of the universe the calcium

130

00:08:29,000 --> 00:08:25,320

atoms in our bones the iron and our

131

00:08:32,600 --> 00:08:29,010

blood the carbon atoms in this walls of

132

00:08:34,810 --> 00:08:32,610

ourselves all of these atoms were formed

133

00:08:37,870 --> 00:08:34,820

in stars

134

00:08:41,260 --> 00:08:37,880

blew themselves up and sent that

135

00:08:43,710 --> 00:08:41,270

material out into space where it swirled

136

00:08:47,140 --> 00:08:43,720

around for a long time and then finally

137

00:08:51,010 --> 00:08:47,150

condensed into what became our solar

138

00:08:54,430 --> 00:08:51,020

system and us we are all made of

139

00:08:58,000 --> 00:08:54,440

Stardust and so if we want to really

140

00:09:00,640 --> 00:08:58,010

understand who we are and how we came to

141

00:09:03,690 --> 00:09:00,650

be we need to look at the broader

142

00:09:08,370 --> 00:09:06,030

the whole concept of the universe is

143

00:09:11,510 --> 00:09:08,380

wonderful for the students to learn

144

00:09:14,070 --> 00:09:11,520

because they gain a really wonderful

145

00:09:16,320 --> 00:09:14,080

appreciation of their place in the

146

00:09:18,690 --> 00:09:16,330

universe and then feeling so much better

147

00:09:21,360 --> 00:09:18,700

about hey you know what this universe

148

00:09:23,580 --> 00:09:21,370

belongs to all of us and that you know I

149

00:09:25,470 --> 00:09:23,590

can contribute I can learn from all of

150

00:09:27,900 --> 00:09:25,480

this wonderful information from the

151
00:09:30,900 --> 00:09:27,910
Navajo perspective because you know it's

152
00:09:36,680 --> 00:09:30,910
so deep rooted in understanding

153
00:09:45,990 --> 00:09:40,230
the way to pursue knowledge about the

154
00:09:49,500 --> 00:09:46,000
Stars the moon the Sun and the heavenly

155
00:09:52,560 --> 00:09:49,510
bodies we already have our stories which

156
00:09:53,640 --> 00:09:52,570
are very secret and we used it in

157
00:09:58,140 --> 00:09:53,650
everyday life

158
00:10:02,310 --> 00:09:58,150
since our emergence there is the body of

159
00:10:06,450 --> 00:10:02,320
knowledge given to us by our brothers

160
00:10:09,050 --> 00:10:06,460
and sisters not native the two are

161
00:10:13,260 --> 00:10:09,060
actually one

162
00:10:15,570 --> 00:10:13,270
ask questions in the classroom and go as

163
00:10:17,130 --> 00:10:15,580

far as you can in the study of what

164

00:10:21,030 --> 00:10:17,140

they've uncovered what they've

165

00:10:23,160 --> 00:10:21,040

researched but at the same time come

166

00:10:27,720 --> 00:10:23,170

back to talk with our elders our

167

00:10:30,800 --> 00:10:27,730

medicine people and ask what is what

168

00:10:33,890 --> 00:10:30,810

about this about the moon about the Sun

169

00:10:37,380 --> 00:10:33,900

about the stars and the heavenly bodies

170

00:10:42,090 --> 00:10:37,390

that way we have a knowledge of both

171

00:10:43,210 --> 00:10:42,100

worlds and given that approach and you