



1
00:00:05,030 --> 00:00:03,110
west lake oh independent school district

2
00:00:08,230 --> 00:00:05,040
this is mission control houston please

3
00:00:10,070 --> 00:00:08,240
call station for a voice check

4
00:00:14,629 --> 00:00:10,080
station this is paul mata here with the

5
00:00:14,639 --> 00:00:18,230
i have you loud and clear

6
00:00:22,870 --> 00:00:20,310
well good morning and we're ready with

7
00:00:27,730 --> 00:00:22,880
our students

8
00:00:36,280 --> 00:00:33,510
[Music]

9
00:00:41,470 --> 00:00:36,290
we would like to wish you a happy

10
00:00:46,869 --> 00:00:44,069
birthday okay

11
00:00:48,630 --> 00:00:46,879
i'm really sorry i uh there's a lot of

12
00:00:51,830 --> 00:00:48,640
echoing and i cannot hear what the

13
00:00:56,470 --> 00:00:53,270

say your question

14

00:01:01,910 --> 00:00:56,480

my question for you is

15

00:01:05,910 --> 00:01:03,910

speaking to this one why did i choose to

16

00:01:08,230 --> 00:01:05,920

be an astronaut well i

17

00:01:09,990 --> 00:01:08,240

was probably about your age i think

18

00:01:11,670 --> 00:01:10,000

you're in the third grade i think i was

19

00:01:13,670 --> 00:01:11,680

in the fourth grade and i watched the

20

00:01:16,310 --> 00:01:13,680

first guys walk on the moon and i

21

00:01:18,070 --> 00:01:16,320

thought wow cool job

22

00:01:19,109 --> 00:01:18,080

later in life

23

00:01:23,510 --> 00:01:19,119

they

24

00:01:25,749 --> 00:01:23,520

picked the first female astronauts

25

00:01:28,550 --> 00:01:25,759

and i still was dreaming of being an

26

00:01:37,190 --> 00:01:28,560

astronaut then uh so i that's what i

27

00:01:40,390 --> 00:01:38,789

get really close

28

00:01:43,510 --> 00:01:40,400

hi peggy

29

00:01:46,230 --> 00:01:43,520

my name is damian garza and my question

30

00:01:47,210 --> 00:01:46,240

for you is what does your family think

31

00:01:50,789 --> 00:01:47,220

about what you do

32

00:01:57,590 --> 00:01:53,590

well i hope they're proud of me

33

00:02:00,550 --> 00:01:57,600

i'm not sure but i think i think they

34

00:02:01,749 --> 00:02:00,560

like what i do uh and are interested in

35

00:02:04,310 --> 00:02:01,759

what i do

36

00:02:06,789 --> 00:02:04,320

my parents are farmers

37

00:02:08,389 --> 00:02:06,799

and so i grew up in a farm community

38

00:02:11,350 --> 00:02:08,399

it's very different

39

00:02:13,670 --> 00:02:11,360

from anything i've chosen to do in in my

40

00:02:16,070 --> 00:02:13,680

life since i graduated from

41

00:02:18,070 --> 00:02:16,080

high school and college but that's been

42

00:02:22,790 --> 00:02:18,080

okay

43

00:02:26,949 --> 00:02:23,830

yep

44

00:02:30,390 --> 00:02:26,959

talking to here hi peggy

45

00:02:35,270 --> 00:02:33,430

and my question for you is what kind of

46

00:02:42,790 --> 00:02:35,280

challenges have you faced as a female

47

00:02:48,070 --> 00:02:45,990

can you say it again i'm sorry

48

00:02:52,390 --> 00:02:48,080

what kind of challenges have you faced

49

00:02:56,470 --> 00:02:54,790

oh that's a good question and you know i

50

00:02:58,949 --> 00:02:56,480

think everyone faces different

51
00:03:00,149 --> 00:02:58,959
challenges in whatever it is that they

52
00:03:01,910 --> 00:03:00,159
pursue

53
00:03:05,990 --> 00:03:01,920
i think the things that have made me

54
00:03:08,710 --> 00:03:06,000
most successful have been just my

55
00:03:09,830 --> 00:03:08,720
work ethic i work really really hard and

56
00:03:12,630 --> 00:03:09,840
i

57
00:03:14,630 --> 00:03:12,640
try to always do my very very best

58
00:03:18,149 --> 00:03:14,640
and i think that

59
00:03:20,550 --> 00:03:18,159
that shows and people recognize that and

60
00:03:22,309 --> 00:03:20,560
has always made me

61
00:03:25,110 --> 00:03:22,319
succeed

62
00:03:28,309 --> 00:03:25,120
even though in many cases i was the only

63
00:03:31,190 --> 00:03:28,319

woman in the room during meetings and

64

00:03:32,710 --> 00:03:31,200

in my initial phases at nasa

65

00:03:35,430 --> 00:03:32,720

so i think

66

00:03:37,750 --> 00:03:35,440

working hard can overcome a lot of those

67

00:03:39,509 --> 00:03:37,760

obstacles that you might face

68

00:03:45,670 --> 00:03:39,519

proving that you can do the job is the

69

00:03:50,869 --> 00:03:47,990

you thing stand normally

70

00:03:53,190 --> 00:03:50,879

hi penny my name is daddy gonzalez and

71

00:03:55,830 --> 00:03:53,200

my question for you is

72

00:04:00,229 --> 00:03:55,840

have you seen any strange objects in

73

00:04:03,830 --> 00:04:01,190

actually

74

00:04:06,390 --> 00:04:03,840

i haven't really seen anything unusual

75

00:04:07,429 --> 00:04:06,400

uh but the perspective that we have from

76

00:04:09,910 --> 00:04:07,439

up here

77

00:04:11,830 --> 00:04:09,920

is such that uh even things that you

78

00:04:14,309 --> 00:04:11,840

might have seen on earth like for

79

00:04:16,949 --> 00:04:14,319

instance meteor coming in you know we

80

00:04:19,270 --> 00:04:16,959

see a shooting star from earth seeing

81

00:04:20,710 --> 00:04:19,280

that from this perspective means that

82

00:04:23,990 --> 00:04:20,720

it's below you

83

00:04:26,629 --> 00:04:24,000

and so had to get past you

84

00:04:29,030 --> 00:04:26,639

and miss you to go into the atmosphere

85

00:04:29,909 --> 00:04:29,040

so that's an interesting perspective to

86

00:04:33,510 --> 00:04:29,919

see

87

00:04:38,950 --> 00:04:33,520

uh things from from here at 250 miles

88

00:04:38,960 --> 00:05:03,749

you can speak normal

89

00:05:35,830 --> 00:05:09,990

i

90

00:05:38,629 --> 00:05:35,840

from you

91

00:05:41,110 --> 00:05:38,639

although that was better

92

00:05:43,430 --> 00:05:41,120

sure peggy this is kaide aguilar her

93

00:05:49,270 --> 00:05:43,440

question is have you ever experienced

94

00:05:53,029 --> 00:05:50,790

actually

95

00:05:55,749 --> 00:05:53,039

we we have had occasional problems on

96

00:05:57,830 --> 00:05:55,759

the iss part of our job as astronauts is

97

00:06:00,469 --> 00:05:57,840

to fix them when they arise

98

00:06:02,710 --> 00:06:00,479

uh for instance uh the day after we

99

00:06:05,029 --> 00:06:02,720

arrived on orbit here we had a big

100

00:06:07,110 --> 00:06:05,039

problem with the toilet

101

00:06:09,430 --> 00:06:07,120

uh our toilet is actually a very

102

00:06:13,350 --> 00:06:09,440

sophisticated system that actually takes

103

00:06:15,430 --> 00:06:13,360

the urine and and it processes the water

104

00:06:18,390 --> 00:06:15,440

and then it actually makes it uh clean

105

00:06:20,950 --> 00:06:18,400

enough that we use it as drinking water

106

00:06:23,110 --> 00:06:20,960

but in any in any case that part of our

107

00:06:25,749 --> 00:06:23,120

toilet system was broken and we had to

108

00:06:27,110 --> 00:06:25,759

spend a day uh an entire day trying to

109

00:06:29,749 --> 00:06:27,120

get that fixed

110

00:06:31,110 --> 00:06:29,759

we had a backup toilet

111

00:06:32,950 --> 00:06:31,120

on board but

112

00:06:37,110 --> 00:06:32,960

we always want to have

113

00:06:38,790 --> 00:06:37,120

two available just in case

114

00:06:41,590 --> 00:06:38,800

okay ready

115

00:06:43,510 --> 00:06:41,600

hi peggy my name is david adiles and my

116

00:06:45,350 --> 00:06:43,520

question for you is what's been your

117

00:06:50,550 --> 00:06:45,360

experience with micro meteorites or

118

00:06:55,270 --> 00:06:53,189

actually that's a really good question

119

00:06:58,309 --> 00:06:55,280

we have to worry a lot about space

120

00:07:01,589 --> 00:06:58,319

debris we have a group of people on the

121

00:07:04,230 --> 00:07:01,599

ground that actually monitor and track

122

00:07:07,110 --> 00:07:04,240

space debris that's very large

123

00:07:10,550 --> 00:07:07,120

which is great for us because anytime it

124

00:07:13,670 --> 00:07:10,560

gets relatively close to the station

125

00:07:14,390 --> 00:07:13,680

we can do either a reboost to increase

126

00:07:16,790 --> 00:07:14,400

our

127

00:07:17,990 --> 00:07:16,800

altitude to avoid it or we can actually

128

00:07:20,550 --> 00:07:18,000

de-boost

129

00:07:22,629 --> 00:07:20,560

and slow ourselves down and and decrease

130

00:07:24,230 --> 00:07:22,639

our altitude a little bit just to make

131

00:07:27,110 --> 00:07:24,240

sure that we would miss

132

00:07:28,230 --> 00:07:27,120

any large debris so it is a very

133

00:07:30,390 --> 00:07:28,240

important

134

00:07:32,950 --> 00:07:30,400

problem and concern that we have and we

135

00:07:35,909 --> 00:07:32,960

do track it

136

00:07:40,629 --> 00:07:38,550

hi peggy my name is matthew lehigh my

137

00:07:42,790 --> 00:07:40,639

question for you is when doing your

138

00:07:46,469 --> 00:07:42,800

spacewalk on the iss do you feel the

139

00:07:46,760 --> 00:07:46,479

effects of traveling at 17 500 miles per

140

00:07:50,710 --> 00:07:46,770

hour

141

00:07:56,390 --> 00:07:52,629

actually it really is kind of hard to

142

00:07:58,869 --> 00:07:56,400

have a real sense of traveling at 17 500

143

00:08:01,270 --> 00:07:58,879

miles an hour

144

00:08:02,550 --> 00:08:01,280

it's it's hard to imagine yourself going

145

00:08:05,029 --> 00:08:02,560

that fast

146

00:08:07,749 --> 00:08:05,039

and i think about it in terms of the

147

00:08:09,270 --> 00:08:07,759

fact that every 90 minutes we're going

148

00:08:11,749 --> 00:08:09,280

around the earth

149

00:08:14,230 --> 00:08:11,759

and every 45 minutes we see either a

150

00:08:16,550 --> 00:08:14,240

sunrise or a sunset

151
00:08:19,110 --> 00:08:16,560
and that gives you more of a sense of

152
00:08:21,270 --> 00:08:19,120
speed than actually just looking out the

153
00:08:23,350 --> 00:08:21,280
window that is unless you're trying to

154
00:08:25,029 --> 00:08:23,360
take a picture of a particular spot on

155
00:08:26,950 --> 00:08:25,039
the ground because then it goes by

156
00:08:29,029 --> 00:08:26,960
pretty fast you have to be tracking your

157
00:08:34,870 --> 00:08:29,039
target very quickly in order to capture

158
00:08:34,880 --> 00:08:37,829
hi my name is

159
00:08:43,829 --> 00:08:40,469
hi peggy my name is

160
00:08:45,829 --> 00:08:43,839
for you is when you are in space can you

161
00:08:46,310 --> 00:08:45,839
eat hot foods or is everything in a

162
00:08:53,030 --> 00:08:46,320
packet

163
00:08:58,949 --> 00:08:56,070

sorry i'm not catching him

164

00:09:01,190 --> 00:08:58,959

peggy this is joel ramos's question is

165

00:09:07,030 --> 00:09:01,200

when you are in space can you eat hot

166

00:09:13,110 --> 00:09:09,269

actually that's a really great question

167

00:09:16,389 --> 00:09:13,120

we do have a lot of food in packets um

168

00:09:21,269 --> 00:09:19,269

the these packets are like metal foil

169

00:09:24,150 --> 00:09:21,279

and we actually can warm them up in an

170

00:09:26,470 --> 00:09:24,160

oven and eat them out of that so like i

171

00:09:27,350 --> 00:09:26,480

have a chicken fajita and a soup here

172

00:09:28,870 --> 00:09:27,360

that are

173

00:09:30,630 --> 00:09:28,880

actually quite good

174

00:09:31,910 --> 00:09:30,640

and tastes pretty much like the stuff we

175

00:09:34,150 --> 00:09:31,920

have on the ground

176
00:09:36,710 --> 00:09:34,160
a lot of our food though because we want

177
00:09:38,949 --> 00:09:36,720
to save mass and volume is dehydrated

178
00:09:41,990 --> 00:09:38,959
which means we take all the water out of

179
00:09:43,269 --> 00:09:42,000
it and then here we have a machine that

180
00:09:45,350 --> 00:09:43,279
we just

181
00:09:48,230 --> 00:09:45,360
add the water back into and we have a

182
00:09:51,350 --> 00:09:48,240
little food warmer to heat it up

183
00:09:53,350 --> 00:09:51,360
if it's something we want to eat hot we

184
00:09:56,710 --> 00:09:53,360
also have things like that you might

185
00:09:59,990 --> 00:09:56,720
recognize here we just have some like

186
00:10:01,350 --> 00:10:00,000
candy coated almonds here

187
00:10:03,590 --> 00:10:01,360
and

188
00:10:04,949 --> 00:10:03,600

it's actually pretty fun

189

00:10:07,190 --> 00:10:04,959

to

190

00:10:09,910 --> 00:10:07,200

play with our food in space because it's

191

00:10:14,389 --> 00:10:09,920

a little different than on earth

192

00:10:18,310 --> 00:10:16,230

and

193

00:10:19,829 --> 00:10:18,320

if you think about it being in zero

194

00:10:21,910 --> 00:10:19,839

gravity

195

00:10:23,750 --> 00:10:21,920

we also have to

196

00:10:27,269 --> 00:10:23,760

worry about how we drink

197

00:10:29,509 --> 00:10:27,279

things because we can't obviously

198

00:10:31,590 --> 00:10:29,519

drink fluids

199

00:10:35,030 --> 00:10:31,600

out of a glass because fluids wouldn't

200

00:10:37,670 --> 00:10:35,040

stay in a glass so we drink them out of

201
00:10:39,750 --> 00:10:37,680
pouches and our pouches have special

202
00:10:42,870 --> 00:10:39,760
little straws on them

203
00:10:44,949 --> 00:10:42,880
uh that actually close up so that when

204
00:10:45,750 --> 00:10:44,959
we're not drinking uh

205
00:10:49,670 --> 00:10:45,760
the

206
00:10:52,550 --> 00:10:49,680
but if you i'm going to show you what

207
00:10:54,069 --> 00:10:52,560
happens when the liquid does come out

208
00:10:57,430 --> 00:10:54,079
it makes it

209
00:11:06,470 --> 00:11:01,269
and

210
00:11:07,990 --> 00:11:06,480
the behavior of liquids in zero gravity

211
00:11:09,670 --> 00:11:08,000
you can see that it

212
00:11:12,550 --> 00:11:09,680
it just stays on the end there it's

213
00:11:14,870 --> 00:11:12,560

stuck to the end of the straw

214

00:11:18,389 --> 00:11:14,880

and forms a little ball

215

00:11:28,069 --> 00:11:20,790

okay thank you

216

00:11:32,230 --> 00:11:30,550

hi peggy my name is derek rivera and my

217

00:11:33,590 --> 00:11:32,240

question for you is what is your

218

00:11:35,180 --> 00:11:33,600

favorite experiment that you have

219

00:11:40,389 --> 00:11:35,190

conducted in microgravity

220

00:11:44,630 --> 00:11:42,389

what is my favorite

221

00:11:46,230 --> 00:11:44,640

i didn't

222

00:11:48,069 --> 00:11:46,240

peggy the question was what is your

223

00:11:52,310 --> 00:11:48,079

favorite experiment that you have done

224

00:11:56,949 --> 00:11:54,389

actually one of the things i really love

225

00:11:57,670 --> 00:11:56,959

about being in microgravity is

226

00:12:01,269 --> 00:11:57,680

and

227

00:12:03,190 --> 00:12:01,279

here is the fact that we get to work on

228

00:12:05,910 --> 00:12:03,200

such a wide variety of different

229

00:12:08,629 --> 00:12:05,920

experiments for me that's a lot of fun

230

00:12:11,910 --> 00:12:08,639

but i like to grow things on earth i

231

00:12:14,069 --> 00:12:11,920

like to flowers and plants and so for me

232

00:12:16,230 --> 00:12:14,079

growing some cabbage on this flight and

233

00:12:18,550 --> 00:12:16,240

on my another flight i grew soybeans

234

00:12:21,670 --> 00:12:18,560

which is one of the crops that my dad

235

00:12:23,990 --> 00:12:21,680

grows so that was very interesting to me

236

00:12:26,949 --> 00:12:24,000

but i also like doing the experiments on

237

00:12:28,389 --> 00:12:26,959

the humans because that's what helps us

238

00:12:31,110 --> 00:12:28,399

understand

239

00:12:32,150 --> 00:12:31,120

uh what we need to do to make it safe

240

00:12:34,230 --> 00:12:32,160

for

241

00:12:37,190 --> 00:12:34,240

us to go on long duration exploration

242

00:12:39,990 --> 00:12:37,200

missions to the moon and mars and you

243

00:12:42,310 --> 00:12:40,000

know all these other places that you

244

00:12:44,310 --> 00:12:42,320

folks will be going to in the future

245

00:12:46,389 --> 00:12:44,320

and so it's really important that we do

246

00:12:48,150 --> 00:12:46,399

that research on the human body

247

00:12:50,389 --> 00:12:48,160

understanding bone and muscle

248

00:12:52,629 --> 00:12:50,399

development

249

00:12:53,750 --> 00:12:52,639

as well as you know changes in our

250

00:12:56,629 --> 00:12:53,760

vision

251
00:12:58,870 --> 00:12:56,639
and other changes in the body so it's

252
00:13:07,910 --> 00:12:58,880
it's really fun to do those experiments

253
00:13:12,790 --> 00:13:10,470
hi peggy my name is lorena sedra and my

254
00:13:15,269 --> 00:13:12,800
question for you is does your body feel

255
00:13:19,509 --> 00:13:15,279
tired as it does on earth after a long

256
00:13:24,470 --> 00:13:21,670
well i i do think you get tired

257
00:13:27,190 --> 00:13:24,480
especially like if we do space walks uh

258
00:13:29,030 --> 00:13:27,200
your body gets really physically tired

259
00:13:31,910 --> 00:13:29,040
uh because it's very physically

260
00:13:32,870 --> 00:13:31,920
challenging inside the spacesuit but i

261
00:13:35,190 --> 00:13:32,880
think

262
00:13:38,550 --> 00:13:35,200
in general up here i sleep so well that

263
00:13:45,269 --> 00:13:38,560

i don't typically feel very tired so i'm

264

00:13:50,310 --> 00:13:47,990

hi peggy my name is joshua alanis and my

265

00:13:52,389 --> 00:13:50,320

question for you is what has been your

266

00:13:58,550 --> 00:13:52,399

most frightening experience while in

267

00:14:03,750 --> 00:14:01,590

well we train for a lot of things to go

268

00:14:05,910 --> 00:14:03,760

wrong in space and so i think that

269

00:14:07,910 --> 00:14:05,920

training tends to make you less

270

00:14:10,310 --> 00:14:07,920

frightened about things but probably the

271

00:14:14,230 --> 00:14:10,320

most uh what i would call sporty thing

272

00:14:16,470 --> 00:14:14,240

that happened is uh my last descent

273

00:14:19,110 --> 00:14:16,480

in the soyuz spacecraft

274

00:14:21,509 --> 00:14:19,120

one of the the separation bolts didn't

275

00:14:23,590 --> 00:14:21,519

work and so we had to do what's called a

276

00:14:25,910 --> 00:14:23,600

ballistic reentry which

277

00:14:28,389 --> 00:14:25,920

causes up to eight times the force of

278

00:14:30,310 --> 00:14:28,399

gravity on your body so it feels like

279

00:14:32,150 --> 00:14:30,320

eight dudes are sitting on your chest so

280

00:14:33,030 --> 00:14:32,160

it makes it hard to breathe

281

00:14:35,829 --> 00:14:33,040

and

282

00:14:38,310 --> 00:14:35,839

that was probably the most uh

283

00:14:46,870 --> 00:14:38,320

off nominal we call it off nominal

284

00:14:51,509 --> 00:14:49,509

hi peggy my name is sophia pecina and my

285

00:14:53,750 --> 00:14:51,519

question for you is do you think there

286

00:14:58,629 --> 00:14:53,760

might be life on another earth-like

287

00:15:05,030 --> 00:15:01,110

well i know you probably already know

288

00:15:06,790 --> 00:15:05,040

that nasa has and many other uh agencies

289

00:15:09,030 --> 00:15:06,800

are working together and looking for

290

00:15:11,509 --> 00:15:09,040

other planets that are earth-like and we

291

00:15:13,829 --> 00:15:11,519

found literally last year i believe over

292

00:15:15,030 --> 00:15:13,839

a thousand planets that they consider

293

00:15:17,430 --> 00:15:15,040

earth-like

294

00:15:19,509 --> 00:15:17,440

and so i think that yes the chances are

295

00:15:21,670 --> 00:15:19,519

the odds are that yes there is other

296

00:15:23,910 --> 00:15:21,680

life out there it might not look it or

297

00:15:26,470 --> 00:15:23,920

be exactly like the life as we know it

298

00:15:28,949 --> 00:15:26,480

with plants on our earth or you know

299

00:15:31,189 --> 00:15:28,959

people won't necessarily be people or

300

00:15:33,110 --> 00:15:31,199

looked quite the same but yes i think

301
00:15:35,749 --> 00:15:33,120
there will be other life out there

302
00:15:38,389 --> 00:15:35,759
because there just are so many planets

303
00:15:38,399 --> 00:15:42,069
happy birthday

304
00:15:45,670 --> 00:15:44,230
hi thank you so much hi thank you my

305
00:15:47,910 --> 00:15:45,680
name is matildo

306
00:15:48,710 --> 00:15:47,920
and my question for you is how well do

307
00:16:01,030 --> 00:15:48,720
you

308
00:16:05,110 --> 00:16:03,350
i didn't quite get that one

309
00:16:09,749 --> 00:16:05,120
peggy the question was how well do you

310
00:16:14,310 --> 00:16:11,430
actually that's a really really

311
00:16:17,829 --> 00:16:14,320
important question because obviously

312
00:16:20,710 --> 00:16:17,839
we're living up here uh the six of us

313
00:16:22,870 --> 00:16:20,720

and getting along is very important but

314

00:16:25,269 --> 00:16:22,880

we also actually have to get along well

315

00:16:28,150 --> 00:16:25,279

with our ground teams and we have ground

316

00:16:30,949 --> 00:16:28,160

control teams in houston and in

317

00:16:34,470 --> 00:16:30,959

huntsville alabama in

318

00:16:35,590 --> 00:16:34,480

scuba in japan in moscow and in munich

319

00:16:38,069 --> 00:16:35,600

and so

320

00:16:40,949 --> 00:16:38,079

being able to interact well with people

321

00:16:43,110 --> 00:16:40,959

is a a very important skill

322

00:16:45,509 --> 00:16:43,120

being able to communicate effectively

323

00:16:47,670 --> 00:16:45,519

with people and tell them

324

00:16:50,389 --> 00:16:47,680

you know where the problems are and how

325

00:16:53,749 --> 00:16:50,399

to work around them is very important

326

00:16:55,990 --> 00:16:53,759

and a very important skill in in life

327

00:16:58,150 --> 00:16:56,000

as well as for being an astronaut so

328

00:17:00,949 --> 00:16:58,160

it's very important and i

329

00:17:02,949 --> 00:17:00,959

happen to be extremely lucky with the

330

00:17:05,990 --> 00:17:02,959

the group of guys that i'm up here with

331

00:17:08,549 --> 00:17:06,000

they are incredibly fun

332

00:17:10,150 --> 00:17:08,559

incredibly competent and we really have

333

00:17:11,990 --> 00:17:10,160

a good time

334

00:17:16,870 --> 00:17:12,000

genuinely

335

00:17:22,949 --> 00:17:19,909

hi peggy my name is hanayasteo

336

00:17:25,270 --> 00:17:22,959

and my question to you is what advice

337

00:17:27,829 --> 00:17:25,280

can you give us if we want to become an

338

00:17:29,990 --> 00:17:27,839

astronaut

339

00:17:31,750 --> 00:17:30,000

three minutes

340

00:17:33,909 --> 00:17:31,760

well well if you want to become an

341

00:17:35,750 --> 00:17:33,919

astronaut i think probably the most

342

00:17:38,310 --> 00:17:35,760

important thing is to

343

00:17:40,549 --> 00:17:38,320

pick any field in science math or

344

00:17:43,510 --> 00:17:40,559

engineering um

345

00:17:46,070 --> 00:17:43,520

aviation aerospace engineering

346

00:17:48,470 --> 00:17:46,080

i'm a biochemist we have physicists we

347

00:17:49,909 --> 00:17:48,480

have all different kinds of scientists

348

00:17:51,830 --> 00:17:49,919

all different kinds of engineers

349

00:17:55,190 --> 00:17:51,840

electrical engineers mechanical

350

00:17:57,909 --> 00:17:55,200

engineers aeronautical engineers

351
00:17:59,350 --> 00:17:57,919
and we have aviation pilots and test

352
00:18:00,549 --> 00:17:59,360
pilots

353
00:18:02,390 --> 00:18:00,559
so

354
00:18:04,230 --> 00:18:02,400
there are lots of different fields but i

355
00:18:05,909 --> 00:18:04,240
think probably the most important piece

356
00:18:07,510 --> 00:18:05,919
of advice is that you need to pick

357
00:18:09,590 --> 00:18:07,520
something that you really love because

358
00:18:11,270 --> 00:18:09,600
you really want to be good at it in

359
00:18:14,789 --> 00:18:11,280
order to stand out

360
00:18:16,950 --> 00:18:14,799
and be selected as an astronaut so

361
00:18:27,029 --> 00:18:16,960
pursue something that you really really

362
00:18:32,390 --> 00:18:29,190
hi peggy engineering name is jubilee

363
00:18:34,789 --> 00:18:32,400

garces and my question for you is

364

00:18:40,390 --> 00:18:34,799

do you see yourself being an astronaut

365

00:18:43,350 --> 00:18:41,510

well i

366

00:18:45,909 --> 00:18:43,360

really haven't ever wanted to do

367

00:18:48,390 --> 00:18:45,919

anything else so i imagine i will always

368

00:18:51,750 --> 00:18:48,400

work in the space industry

369

00:18:55,270 --> 00:18:51,760

i really enjoy

370

00:19:00,150 --> 00:18:55,280

nasa what nasa stands for exploration

371

00:19:04,150 --> 00:19:02,789

okay peggy thank you here from west from

372

00:19:06,030 --> 00:19:04,160

all of us in here west ago we're gonna

373

00:19:14,470 --> 00:19:06,040

say happy birthday

374

00:19:18,710 --> 00:19:16,870

thank you guys so much you had fantastic

375

00:19:20,789 --> 00:19:18,720

questions i'm sorry i couldn't hear them

376

00:19:21,909 --> 00:19:20,799

all very well but you had really great

377

00:19:25,430 --> 00:19:21,919

questions

378

00:19:27,510 --> 00:19:25,440

and just remember it's always important

379

00:19:30,549 --> 00:19:27,520

to pursue your dreams and dream really

380

00:19:36,470 --> 00:19:32,870

station this is houston acr that

381

00:19:39,830 --> 00:19:38,070

and thank you to all the participants

382

00:19:41,590 --> 00:19:39,840

and guests from west waco independent