



1
00:00:05,590 --> 00:00:02,149
station this is houston on space to

2
00:00:10,549 --> 00:00:05,600
ground two for katie are you ready for

3
00:00:10,559 --> 00:00:14,910
i think i'm ready for the

4
00:00:20,790 --> 00:00:18,310
event women's academy of excellence this

5
00:00:27,910 --> 00:00:20,800
is houston please call station for a

6
00:00:35,190 --> 00:00:31,109
station this is leland at urban zen how

7
00:00:45,670 --> 00:00:38,229
leland i read you loud and clear what a

8
00:00:52,869 --> 00:00:47,830
it's good to hear your voice katie doing

9
00:00:56,389 --> 00:00:55,029
we are busy but we're having fun

10
00:01:03,270 --> 00:00:56,399
so how do you want to do things today

11
00:01:08,390 --> 00:01:05,350
so what is my job

12
00:01:09,510 --> 00:01:08,400
when i'm not in space

13
00:01:11,670 --> 00:01:09,520

um

14

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

you know i've been an astronaut for over

15

00:01:15,590 --> 00:01:13,680

20 years and this is my third trip to

16

00:01:17,590 --> 00:01:15,600

space i had two space shuttle missions

17

00:01:19,749 --> 00:01:17,600

so a lot of that time is spent on the

18

00:01:22,230 --> 00:01:19,759

ground helping other astronauts get

19

00:01:24,630 --> 00:01:22,240

ready and also helping the program get

20

00:01:27,350 --> 00:01:24,640

ready for missions i've had jobs that

21

00:01:28,950 --> 00:01:27,360

range from trying to design how we're

22

00:01:31,030 --> 00:01:28,960

going to sleep and live on the space

23

00:01:33,030 --> 00:01:31,040

station to being the head of the

24

00:01:34,789 --> 00:01:33,040

robotics branch making sure that

25

00:01:36,950 --> 00:01:34,799

astronauts understand how to work the

26

00:01:44,389 --> 00:01:36,960

robotic arm and how to do the tasks we

27

00:01:49,510 --> 00:01:46,710

thank you

28

00:01:53,350 --> 00:01:51,590

hi my name is shake and my question is

29

00:01:58,149 --> 00:01:53,360

how do you dispose trash on the space

30

00:02:03,030 --> 00:02:00,149

chick you have an excellent question for

31

00:02:05,030 --> 00:02:03,040

exactly this week it is very difficult

32

00:02:07,270 --> 00:02:05,040

we can't just like in the movies open

33

00:02:10,229 --> 00:02:07,280

the door and throw the trash out or even

34

00:02:12,309 --> 00:02:10,239

take the trash out we have to have a

35

00:02:14,550 --> 00:02:12,319

basically a shipped or a spaceship to

36

00:02:17,350 --> 00:02:14,560

put it in so we stuff that ship with

37

00:02:19,830 --> 00:02:17,360

trash and then it when it reenters the

38

00:02:21,510 --> 00:02:19,840

earth's atmosphere it burns up we have

39

00:02:23,270 --> 00:02:21,520

several russian supply vehicles that

40

00:02:25,589 --> 00:02:23,280

come and help us do that they bring

41

00:02:28,630 --> 00:02:25,599

supplies they leave with trash they burn

42

00:02:31,509 --> 00:02:28,640

up on their way home and now this week

43

00:02:33,589 --> 00:02:31,519

we are loading a really huge japanese

44

00:02:35,270 --> 00:02:33,599

supply vehicle that came here with a lot

45

00:02:37,830 --> 00:02:35,280

of important supplies for the space

46

00:02:39,589 --> 00:02:37,840

station and now we are taking all of the

47

00:02:41,910 --> 00:02:39,599

packing material that those supplies

48

00:02:44,070 --> 00:02:41,920

came with came with and we are packing

49

00:02:45,830 --> 00:02:44,080

it into the htv so we are packing

50

00:02:48,390 --> 00:02:45,840

maniacs in fact in back of the camera

51
00:02:50,710 --> 00:02:48,400
you can't see but there is just piles of

52
00:02:51,589 --> 00:02:50,720
giant pieces of foam that were shielding

53
00:02:58,470 --> 00:02:51,599
really

54
00:02:58,480 --> 00:03:04,869
thank you

55
00:03:08,550 --> 00:03:06,949
my name is shanija clark and i attend

56
00:03:10,550 --> 00:03:08,560
the woods academy of excellence my

57
00:03:16,550 --> 00:03:10,560
question is what is your normal daily

58
00:03:23,190 --> 00:03:19,670
well i wake up in the morning and i i

59
00:03:25,750 --> 00:03:23,200
float or fly about 30 feet to work which

60
00:03:27,670 --> 00:03:25,760
is really really fun as you can see i

61
00:03:29,589 --> 00:03:27,680
don't have to do a lot with my hair

62
00:03:31,350 --> 00:03:29,599
while i'm up here because no matter what

63
00:03:33,990 --> 00:03:31,360

i do with it it's actually going to do

64

00:03:36,789 --> 00:03:34,000

exactly what it wants so i wake up in

65

00:03:38,229 --> 00:03:36,799

the morning i go like this

66

00:03:41,190 --> 00:03:38,239

and i

67

00:03:43,270 --> 00:03:41,200

brush my teeth i float out of my cabin

68

00:03:44,869 --> 00:03:43,280

and i start reading right away on the

69

00:03:46,789 --> 00:03:44,879

computer about what we're going to do

70

00:03:48,390 --> 00:03:46,799

that day i'll have already seen the plan

71

00:03:50,149 --> 00:03:48,400

from the day before and studied the

72

00:03:51,830 --> 00:03:50,159

things that i need to study for that day

73

00:03:54,149 --> 00:03:51,840

but we always look for last minute

74

00:03:56,470 --> 00:03:54,159

updates we talked to houston we talked

75

00:03:58,869 --> 00:03:56,480

to the japanese control center the

76

00:04:00,789 --> 00:03:58,879

european control center and the payload

77

00:04:02,789 --> 00:04:00,799

control center and the russian control

78

00:04:04,309 --> 00:04:02,799

center we all say good morning see if

79

00:04:06,229 --> 00:04:04,319

there's any things that each of us need

80

00:04:11,670 --> 00:04:06,239

to know and then we get to work on our

81

00:04:11,680 --> 00:04:16,710

thank you

82

00:04:20,310 --> 00:04:18,629

hi my name is stephanie and i'm from the

83

00:04:22,230 --> 00:04:20,320

women's academy of excellence my

84

00:04:24,150 --> 00:04:22,240

question is were you ever discouraged

85

00:04:29,430 --> 00:04:24,160

and if so what motivated you to continue

86

00:04:33,430 --> 00:04:31,270

stephanie i really like that question

87

00:04:36,230 --> 00:04:33,440

because a lot of people might think that

88

00:04:37,909 --> 00:04:36,240

if i have this job my whole life

89

00:04:40,390 --> 00:04:37,919

you know life must have been easy and i

90

00:04:43,189 --> 00:04:40,400

always knew what choices to make and i

91

00:04:45,110 --> 00:04:43,199

always did well and the fact is it's

92

00:04:47,030 --> 00:04:45,120

just not true you know i'm a real person

93

00:04:48,629 --> 00:04:47,040

that just makes that made the best

94

00:04:51,270 --> 00:04:48,639

decisions that they could at the time

95

00:04:53,110 --> 00:04:51,280

you know what college to go to or you

96

00:04:55,749 --> 00:04:53,120

know what kind of job i wanted to have

97

00:04:57,909 --> 00:04:55,759

or even you know what what to study you

98

00:04:59,189 --> 00:04:57,919

just make the best choices that you can

99

00:05:01,590 --> 00:04:59,199

and i will tell you that there are

100

00:05:02,550 --> 00:05:01,600

discouraging days you know even here in

101
00:05:04,790 --> 00:05:02,560

space

102
00:05:07,189 --> 00:05:04,800

and um the only thing i can you know

103
00:05:09,430 --> 00:05:07,199

advice i can give you that that seems to

104
00:05:12,070 --> 00:05:09,440

work for me is that i think if you're

105
00:05:13,590 --> 00:05:12,080

really doing your best that's all anyone

106
00:05:16,230 --> 00:05:13,600

can ask of you

107
00:05:18,469 --> 00:05:16,240

and some days i don't do my best and i

108
00:05:20,790 --> 00:05:18,479

have to say you know how could i do this

109
00:05:23,029 --> 00:05:20,800

better and i have to just wake up the

110
00:05:25,029 --> 00:05:23,039

next morning and try again and that

111
00:05:26,710 --> 00:05:25,039

means i have to believe in myself

112
00:05:28,629 --> 00:05:26,720

sometimes i need a little help doing

113
00:05:31,029 --> 00:05:28,639

that and i have friends

114

00:05:32,550 --> 00:05:31,039

that give me moral support about that

115

00:05:34,390 --> 00:05:32,560

and i think it's just fine to need

116

00:05:36,390 --> 00:05:34,400

support from your friends and from your

117

00:05:40,790 --> 00:05:36,400

your parents for that

118

00:05:46,150 --> 00:05:42,469

thank you

119

00:05:50,550 --> 00:05:48,390

hello my name is taylor and my question

120

00:05:52,230 --> 00:05:50,560

is do astronauts get claustrophobic when

121

00:05:57,430 --> 00:05:52,240

they are in the air

122

00:06:01,189 --> 00:05:59,590

well i can't speak for everyone you know

123

00:06:02,710 --> 00:06:01,199

my sleeping quarters it's like i know

124

00:06:04,150 --> 00:06:02,720

that now all of you are too young to

125

00:06:06,390 --> 00:06:04,160

know what a phone booth is like but it's

126

00:06:09,189 --> 00:06:06,400

about the size of a telephone booth

127

00:06:11,830 --> 00:06:09,199

and inside i like to sleep kind of

128

00:06:14,469 --> 00:06:11,840

curled up and so i'm sort of you know

129

00:06:16,550 --> 00:06:14,479

curled up like this and and i can

130

00:06:18,230 --> 00:06:16,560

actually move around and roll around in

131

00:06:19,909 --> 00:06:18,240

my sleeping bag where when i wake up in

132

00:06:22,629 --> 00:06:19,919

the morning i'm not really sure if i'm

133

00:06:24,150 --> 00:06:22,639

looking at the ceiling or the floor or

134

00:06:25,670 --> 00:06:24,160

the door and the only thing that i

135

00:06:27,749 --> 00:06:25,680

really can tell where it is is the

136

00:06:30,629 --> 00:06:27,759

computer has a little light so i don't

137

00:06:32,150 --> 00:06:30,639

get claustrophobic but i i think almost

138

00:06:35,110 --> 00:06:32,160

every morning i wake up a little bit

139

00:06:41,909 --> 00:06:35,120

confused about which direction is up and

140

00:06:41,919 --> 00:06:46,070

thank you

141

00:06:50,710 --> 00:06:48,550

hi my name is akisha and my question is

142

00:06:57,110 --> 00:06:50,720

what was the most exciting experience

143

00:07:02,230 --> 00:06:59,749

takesha i would say the most exciting is

144

00:07:04,309 --> 00:07:02,240

the fact that i am living up in space i

145

00:07:07,270 --> 00:07:04,319

mean i know the launch in a rocket is

146

00:07:09,990 --> 00:07:07,280

amazingly cool and it's so exciting but

147

00:07:12,870 --> 00:07:10,000

i i wake up literally every day saying i

148

00:07:14,629 --> 00:07:12,880

am still here and also oh i have so much

149

00:07:16,790 --> 00:07:14,639

work i need to do before i leave you

150

00:07:17,909 --> 00:07:16,800

know i miss being home and at the same

151
00:07:20,070 --> 00:07:17,919
time

152
00:07:21,749 --> 00:07:20,080
it's such a fascinating place to be

153
00:07:23,990 --> 00:07:21,759
where i'm just learning to live in a

154
00:07:25,589 --> 00:07:24,000
different place where all the rules as

155
00:07:28,070 --> 00:07:25,599
we know them are a little bit different

156
00:07:30,150 --> 00:07:28,080
everything is floating including us and

157
00:07:31,830 --> 00:07:30,160
we do our daily living everything from

158
00:07:33,990 --> 00:07:31,840
eating and brushing our teeth a little

159
00:07:36,390 --> 00:07:34,000
bit differently and there's cool science

160
00:07:38,629 --> 00:07:36,400
experiments that i get to do every

161
00:07:40,790 --> 00:07:38,639
single day so i would say the most

162
00:07:43,909 --> 00:07:40,800
exciting thing for me is the fact that i

163
00:07:45,670 --> 00:07:43,919

am living on a space station and for you

164

00:07:46,790 --> 00:07:45,680

it's just a normal thing that you could

165

00:07:52,390 --> 00:07:46,800

do too

166

00:07:52,400 --> 00:07:57,350

thank you

167

00:08:02,629 --> 00:08:00,469

hi my name is tylen and my question is

168

00:08:04,469 --> 00:08:02,639

are you able to see how the earthquake

169

00:08:10,830 --> 00:08:04,479

and tsunami affected the earth from

170

00:08:17,189 --> 00:08:15,029

see thailand um we we can see uh those

171

00:08:20,230 --> 00:08:17,199

kinds of things with powerful lenses

172

00:08:22,550 --> 00:08:20,240

like 400 800 millimeter lenses and in

173

00:08:25,110 --> 00:08:22,560

fact we take pictures of the earth every

174

00:08:26,710 --> 00:08:25,120

day at every chance that we get it's so

175

00:08:28,710 --> 00:08:26,720

interesting to sort of see what's going

176
00:08:30,390 --> 00:08:28,720
on there and there's been times that the

177
00:08:32,630 --> 00:08:30,400
crew on the space station has actually

178
00:08:34,709 --> 00:08:32,640
discovered say an erupting volcano maybe

179
00:08:37,509 --> 00:08:34,719
in a place where there's no people even

180
00:08:39,990 --> 00:08:37,519
before people knew it on the ground

181
00:08:41,990 --> 00:08:40,000
when we heard about the tsunami we right

182
00:08:43,909 --> 00:08:42,000
away started looking at the world map

183
00:08:45,990 --> 00:08:43,919
and trying to pinpoint when we would be

184
00:08:48,630 --> 00:08:46,000
over japan to take those pictures and

185
00:08:51,030 --> 00:08:48,640
you really can see just uh how much sort

186
00:08:53,110 --> 00:08:51,040
of water is everywhere and just erosion

187
00:08:54,710 --> 00:08:53,120
and and just that the

188
00:08:56,150 --> 00:08:54,720

i mean i can't see houses and things

189

00:08:57,750 --> 00:08:56,160

like that but you can just see that

190

00:08:59,829 --> 00:08:57,760

there was a lot of damage and the same

191

00:09:01,269 --> 00:08:59,839

for the earthquake in new zealand

192

00:09:02,790 --> 00:09:01,279

so we can see a lot of interesting

193

00:09:08,470 --> 00:09:02,800

things from up here it's also very

194

00:09:08,480 --> 00:09:13,110

thank you

195

00:09:18,470 --> 00:09:15,990

hi my name is gianna and my question is

196

00:09:27,750 --> 00:09:18,480

how does microgravity affect the way

197

00:09:30,710 --> 00:09:27,760

that we sleep

198

00:09:32,150 --> 00:09:30,720

um for me i have a little trouble i like

199

00:09:33,670 --> 00:09:32,160

to sleep when i'm home kind of all

200

00:09:36,550 --> 00:09:33,680

curled up in a ball

201
00:09:38,710 --> 00:09:36,560
and here our natural sort of posture

202
00:09:40,310 --> 00:09:38,720
i'll kind of show you here is um is to

203
00:09:42,389 --> 00:09:40,320
be you know like a little bit sort of

204
00:09:44,550 --> 00:09:42,399
like curled up like this but not really

205
00:09:46,150 --> 00:09:44,560
like all the way curled up and so to be

206
00:09:47,829 --> 00:09:46,160
all the way curled up i have to pull my

207
00:09:49,430 --> 00:09:47,839
legs up into my sleeping bag and they

208
00:09:50,389 --> 00:09:49,440
don't quite fit so i always have a

209
00:09:52,389 --> 00:09:50,399
little trouble

210
00:09:59,590 --> 00:09:52,399
getting to sleep but then once i'm

211
00:09:59,600 --> 00:10:05,990
thank you

212
00:10:10,230 --> 00:10:08,630
hi my name is zayna and my question is

213
00:10:16,389 --> 00:10:10,240

what does it feel like to live and work

214

00:10:20,470 --> 00:10:18,550

tina it is um it's just totally

215

00:10:22,389 --> 00:10:20,480

delightful um i will tell you when we

216

00:10:24,870 --> 00:10:22,399

first came up i came up with paolo

217

00:10:27,430 --> 00:10:24,880

nepoli and dima condrative uh demons

218

00:10:28,790 --> 00:10:27,440

from russia palos from italy and uh

219

00:10:30,710 --> 00:10:28,800

paolo and i had been to space on the

220

00:10:32,870 --> 00:10:30,720

space shuttle before lived up here you

221

00:10:34,630 --> 00:10:32,880

know a week or two and what we found

222

00:10:36,230 --> 00:10:34,640

when we first got here is that you know

223

00:10:38,150 --> 00:10:36,240

at least paolo and i it was very

224

00:10:40,310 --> 00:10:38,160

familiar we we knew what it felt like to

225

00:10:41,910 --> 00:10:40,320

be weightless and yet when we're trying

226

00:10:42,790 --> 00:10:41,920

to move around we're still sort of

227

00:10:45,110 --> 00:10:42,800

learning

228

00:10:47,430 --> 00:10:45,120

literally about physics that if i am

229

00:10:49,509 --> 00:10:47,440

going along and i try to stop and i just

230

00:10:52,230 --> 00:10:49,519

reach out one hand to stop i'm actually

231

00:10:53,829 --> 00:10:52,240

going to sort of tumble head over heels

232

00:10:55,509 --> 00:10:53,839

because i've only put one point out and

233

00:10:57,829 --> 00:10:55,519

all my energy is going to make me go

234

00:11:01,190 --> 00:10:57,839

whoop like that and so we are a little

235

00:11:03,509 --> 00:11:01,200

clumsy when we first get up here and now

236

00:11:05,590 --> 00:11:03,519

i think automatically i sort of correct

237

00:11:07,750 --> 00:11:05,600

for all those kinds of things and i can

238

00:11:09,750 --> 00:11:07,760

give myself a single push and i can sail

239

00:11:12,470 --> 00:11:09,760

all the way through a module and not hit

240

00:11:14,550 --> 00:11:12,480

anything and go a long ways or even just

241

00:11:16,150 --> 00:11:14,560

spinning and at first when i was up here

242

00:11:18,069 --> 00:11:16,160

i would try to hold on to things and

243

00:11:19,990 --> 00:11:18,079

always have hold on to things and now

244

00:11:26,310 --> 00:11:20,000

i'm a little better at letting things go

245

00:11:31,990 --> 00:11:28,630

thank you

246

00:11:33,750 --> 00:11:32,000

you're welcome and leland you know if

247

00:11:36,870 --> 00:11:33,760

i'm going too slow if i need to go a

248

00:11:41,190 --> 00:11:36,880

little faster just let me know okay

249

00:11:45,350 --> 00:11:43,269

go ahead go ahead

250

00:11:47,030 --> 00:11:45,360

hi my name is brianna and my question is

251

00:11:52,949 --> 00:11:47,040

how do you maintain a personal life

252

00:11:57,590 --> 00:11:55,110

well maintaining a personal life is i

253

00:12:01,269 --> 00:11:57,600

think hard for anybody who's busy but

254

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

also possible it's just a challenge i'm

255

00:12:05,030 --> 00:12:03,200

actually somebody who's married

256

00:12:06,949 --> 00:12:05,040

my husband lives in massachusetts i live

257

00:12:08,310 --> 00:12:06,959

in texas and i spent the last three

258

00:12:10,470 --> 00:12:08,320

years getting ready for the space

259

00:12:13,110 --> 00:12:10,480

station spending about a third of my

260

00:12:15,030 --> 00:12:13,120

time in russia some in japan some in

261

00:12:16,790 --> 00:12:15,040

europa learning about all the things i

262

00:12:18,470 --> 00:12:16,800

needed to know before i would come to

263

00:12:20,550 --> 00:12:18,480

the space station and be able to work

264

00:12:23,670 --> 00:12:20,560

really hard and efficiently while i was

265

00:12:25,670 --> 00:12:23,680

up here for six months so um i'm already

266

00:12:27,590 --> 00:12:25,680

a long-distance marriage person which is

267

00:12:29,750 --> 00:12:27,600

a little bit alternative and some people

268

00:12:31,990 --> 00:12:29,760

would say well that's different and it's

269

00:12:34,710 --> 00:12:32,000

not the same and it's probably not as

270

00:12:37,030 --> 00:12:34,720

much or as good as what's quote unquote

271

00:12:38,629 --> 00:12:37,040

normal and i think that if you have a

272

00:12:40,230 --> 00:12:38,639

challenging situation

273

00:12:42,230 --> 00:12:40,240

you just have to figure out what's

274

00:12:43,829 --> 00:12:42,240

what's good for you and not worry about

275

00:12:45,990 --> 00:12:43,839

what other people whether other people

276

00:12:47,750 --> 00:12:46,000

might think that it's different

277

00:12:49,910 --> 00:12:47,760

or or not

278

00:12:52,230 --> 00:12:49,920

not as good you know for my husband and

279

00:12:54,069 --> 00:12:52,240

i and our son i think it works really

280

00:12:56,230 --> 00:12:54,079

great but i will tell you i work really

281

00:12:57,829 --> 00:12:56,240

hard at communication i can call on the

282

00:12:59,590 --> 00:12:57,839

phone from here

283

00:13:01,190 --> 00:12:59,600

every night certainly i talk to them i

284

00:13:03,190 --> 00:13:01,200

think every day but three days that i've

285

00:13:05,350 --> 00:13:03,200

been here i talk to my family

286

00:13:07,990 --> 00:13:05,360

and we do things like read stories from

287

00:13:09,269 --> 00:13:08,000

space my son and i and uh and try to

288

00:13:11,509 --> 00:13:09,279

make sure that we talk about all the

289

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

important things that that husbands and

290

00:13:15,269 --> 00:13:13,839

wives need to talk about so i work hard

291

00:13:16,870 --> 00:13:15,279

at communication because it is a

292

00:13:23,670 --> 00:13:16,880

challenge but it's definitely possible

293

00:13:23,680 --> 00:13:31,509

thank you

294

00:13:36,710 --> 00:13:34,310

hi my question oh hi my name is chad and

295

00:13:39,110 --> 00:13:36,720

my question is where do astronauts store

296

00:13:45,110 --> 00:13:39,120

their food if there are no refrigerators

297

00:13:49,750 --> 00:13:47,030

a lot of the food chad that we bring up

298

00:13:52,790 --> 00:13:49,760

here or that is sent up up here for us

299

00:13:54,870 --> 00:13:52,800

um is uh food in packages just like in

300

00:13:55,910 --> 00:13:54,880

the military they eat in in places where

301
00:13:58,550 --> 00:13:55,920
they're not going to be able to have a

302
00:14:00,790 --> 00:13:58,560
lot of refrigeration or um even fresh

303
00:14:02,550 --> 00:14:00,800
water we have fresh water but a lot of

304
00:14:04,629 --> 00:14:02,560
our food is either in packages where we

305
00:14:07,030 --> 00:14:04,639
just heat them up or just cut open the

306
00:14:10,069 --> 00:14:07,040
package with scissors and eat them eat

307
00:14:11,030 --> 00:14:10,079
things things like beef stew or

308
00:14:14,150 --> 00:14:11,040
i don't know

309
00:14:16,150 --> 00:14:14,160
chinese food or thai food thai curry

310
00:14:18,069 --> 00:14:16,160
all sorts of things like that mexican

311
00:14:20,790 --> 00:14:18,079
food but then i also have food that's

312
00:14:22,629 --> 00:14:20,800
dehydrated and i add water by going up

313
00:14:24,310 --> 00:14:22,639

to our water dispenser and it's almost

314

00:14:26,550 --> 00:14:24,320

like a needle and a squirt water in

315

00:14:28,710 --> 00:14:26,560

there the food gets hydrated i would say

316

00:14:36,230 --> 00:14:28,720

all the food you know looks kind of bad

317

00:14:36,240 --> 00:14:41,269

thank you

318

00:14:45,670 --> 00:14:44,069

my name is nisha and my question is what

319

00:14:51,269 --> 00:14:45,680

are some of the challenges of being an

320

00:14:56,069 --> 00:14:54,389

one of the challenges for me is that

321

00:14:58,949 --> 00:14:56,079

we have to know

322

00:15:01,590 --> 00:14:58,959

about a lot of things we have to learn

323

00:15:04,310 --> 00:15:01,600

about a lot of things and you know so

324

00:15:06,389 --> 00:15:04,320

you know there's just a lot to know and

325

00:15:09,910 --> 00:15:06,399

the way that i do that is i try to just

326

00:15:12,069 --> 00:15:09,920

do all of my homework and um and i try

327

00:15:13,670 --> 00:15:12,079

to just uh you know make sure that it's

328

00:15:15,430 --> 00:15:13,680

not that i have to remember everything

329

00:15:17,750 --> 00:15:15,440

but i have to know how to find that

330

00:15:20,310 --> 00:15:17,760

information so i try to be resourceful

331

00:15:22,230 --> 00:15:20,320

about where i store information and so i

332

00:15:23,829 --> 00:15:22,240

can get it when i need it but i would

333

00:15:25,590 --> 00:15:23,839

say you know sometimes

334

00:15:27,350 --> 00:15:25,600

actually the the nice part of it is that

335

00:15:29,590 --> 00:15:27,360

i feel like when i'm maybe sitting on an

336

00:15:31,350 --> 00:15:29,600

airplane looking for something to do i

337

00:15:32,870 --> 00:15:31,360

could actually read about anything in

338

00:15:35,749 --> 00:15:32,880

the whole wide world whether it's

339

00:15:37,269 --> 00:15:35,759

photography or art or chemistry or

340

00:15:39,749 --> 00:15:37,279

engineering or

341

00:15:41,590 --> 00:15:39,759

you name it if i read about that i would

342

00:15:43,110 --> 00:15:41,600

use that in my job as an astronaut so we

343

00:15:45,189 --> 00:15:43,120

do a lot of different things which i

344

00:15:47,189 --> 00:15:45,199

really like and i will tell you that i'm

345

00:15:52,389 --> 00:15:47,199

just always learning things every single

346

00:15:52,399 --> 00:16:00,150

thank you

347

00:16:04,230 --> 00:16:02,870

hi my name is nandi and my question is

348

00:16:12,310 --> 00:16:04,240

what are some of the feelings and

349

00:16:15,829 --> 00:16:14,069

you know it's funny there's some days

350

00:16:17,829 --> 00:16:15,839

when you know i have a regular day just

351
00:16:19,189 --> 00:16:17,839
like everybody else where maybe there's

352
00:16:20,870 --> 00:16:19,199
things that i'm happy about maybe

353
00:16:22,150 --> 00:16:20,880
there's things that i'm frustrated about

354
00:16:23,430 --> 00:16:22,160
you know especially there's sometimes i

355
00:16:25,670 --> 00:16:23,440
have sort of bad days where i'm

356
00:16:27,670 --> 00:16:25,680
frustrated i would say up here sometimes

357
00:16:29,269 --> 00:16:27,680
it's so busy that i don't have time to

358
00:16:31,749 --> 00:16:29,279
do all the things that i think i should

359
00:16:33,749 --> 00:16:31,759
be doing up here so i have you know

360
00:16:35,590 --> 00:16:33,759
frustrating days where i have those same

361
00:16:37,030 --> 00:16:35,600
kind of i think frustrating feelings

362
00:16:38,389 --> 00:16:37,040
that you know everybody gets down there

363
00:16:41,110 --> 00:16:38,399

on the ground too

364

00:16:43,670 --> 00:16:41,120

and then there are times that i just you

365

00:16:46,069 --> 00:16:43,680

know as i give myself a push and i sail

366

00:16:48,150 --> 00:16:46,079

through a module or um i'm a flute

367

00:16:50,310 --> 00:16:48,160

player in my spare time i like to play

368

00:16:52,550 --> 00:16:50,320

the flute and so sometimes at night i'll

369

00:16:54,710 --> 00:16:52,560

be playing my flute and just kind of you

370

00:16:56,949 --> 00:16:54,720

know floating around playing kind of

371

00:16:59,269 --> 00:16:56,959

running into things and and it reminds

372

00:17:01,030 --> 00:16:59,279

me of things that i like to do and so

373

00:17:03,110 --> 00:17:01,040

you know then i feel special and i feel

374

00:17:05,909 --> 00:17:03,120

kind of um you know i feel a little bit

375

00:17:07,669 --> 00:17:05,919

like i'm back home so i think you have

376

00:17:10,069 --> 00:17:07,679

all the same feelings up here it's just

377

00:17:12,309 --> 00:17:10,079

that you're alone and i'm gonna have

378

00:17:13,829 --> 00:17:12,319

crewmates too and sometimes you don't

379

00:17:15,750 --> 00:17:13,839

have the people there to share them with

380

00:17:18,309 --> 00:17:15,760

and you have to save them up and write

381

00:17:24,150 --> 00:17:18,319

them down or call the people and talk to

382

00:17:29,590 --> 00:17:25,189

thank you

383

00:17:37,669 --> 00:17:31,590

my name is tony and my question is how

384

00:17:42,070 --> 00:17:40,150

well tony it is so much fun up here

385

00:17:44,230 --> 00:17:42,080

where everything moves around we're

386

00:17:45,909 --> 00:17:44,240

inventing new kinds of games like you

387

00:17:47,510 --> 00:17:45,919

know there's a game called pool down on

388

00:17:49,190 --> 00:17:47,520

the ground where there's a pool table

389

00:17:50,950 --> 00:17:49,200

and you hit a ball and it hits another

390

00:17:53,110 --> 00:17:50,960

ball and and really if you think about

391

00:17:54,630 --> 00:17:53,120

your geometry and your trigonometry then

392

00:17:56,070 --> 00:17:54,640

you're going to be pretty good at pool

393

00:17:57,909 --> 00:17:56,080

or at least knowing where the balls are

394

00:17:59,510 --> 00:17:57,919

supposed to go i'm not good at it but i

395

00:18:01,750 --> 00:17:59,520

know where they're supposed to go but up

396

00:18:03,990 --> 00:18:01,760

here we're playing pool in three

397

00:18:05,669 --> 00:18:04,000

dimensions and so it's just really fun

398

00:18:07,590 --> 00:18:05,679

to have a place where suddenly all the

399

00:18:10,710 --> 00:18:07,600

rules are different just because gravity

400

00:18:13,190 --> 00:18:10,720

is such a large force it dominates the

401

00:18:14,870 --> 00:18:13,200

behavior of all sorts of materials and

402

00:18:16,950 --> 00:18:14,880

the way things work down on the earth

403

00:18:23,510 --> 00:18:16,960

and so without gravity it's pretty

404

00:18:23,520 --> 00:18:25,990

thank you

405

00:18:29,270 --> 00:18:27,510

okay

406

00:18:32,070 --> 00:18:29,280

all right katie thank you for that

407

00:18:33,990 --> 00:18:32,080

wonderful uh question and answer period

408

00:18:35,590 --> 00:18:34,000

this is uh urban's in that concludes the

409

00:18:39,350 --> 00:18:35,600

event and we'll see you back on the

410

00:18:43,830 --> 00:18:41,110

leland i'll see you back there too and

411

00:18:46,470 --> 00:18:43,840

to all the girls there i just like to

412

00:18:48,150 --> 00:18:46,480

wish you good luck and realize that when

413

00:18:49,029 --> 00:18:48,160

you're thinking about what you'd like to

414

00:18:54,549 --> 00:18:49,039

be

415

00:18:57,510 --> 00:18:54,559

that and you don't have to know what it

416

00:18:59,029 --> 00:18:57,520

is yet but this is the time to get ready

417

00:19:01,029 --> 00:18:59,039

and by coming to an event like this

418

00:19:02,630 --> 00:19:01,039

you're getting ready so

419

00:19:03,909 --> 00:19:02,640

enjoy today

420

00:19:11,350 --> 00:19:03,919

and welcome to the international space

421

00:19:15,830 --> 00:19:13,990

you know i love music