



1  
00:00:10,070 --> 00:00:03,189  
station this is the evergreen aviation

2  
00:00:14,910 --> 00:00:11,589  
we hear you loud and clear welcome

3  
00:00:19,429 --> 00:00:17,430  
station okay

4  
00:00:21,269 --> 00:00:19,439  
we've got 20 very excited young people

5  
00:00:22,630 --> 00:00:21,279  
here that have some questions for you so

6  
00:00:24,070 --> 00:00:22,640  
we're going to get started

7  
00:00:26,390 --> 00:00:24,080  
[Music]

8  
00:00:28,630 --> 00:00:26,400  
hi i'm allison pope uh seventh grade

9  
00:00:30,090 --> 00:00:28,640  
patent middle school and how long do you

10  
00:00:33,750 --> 00:00:30,100  
have to train to be an astronaut

11  
00:00:35,750 --> 00:00:33,760  
[Music]

12  
00:00:37,830 --> 00:00:35,760  
hi allison well that's uh that's a good

13  
00:00:39,510 --> 00:00:37,840

question um

14

00:00:41,350 --> 00:00:39,520

you know at nasa

15

00:00:43,510 --> 00:00:41,360

we train for

16

00:00:46,150 --> 00:00:43,520

several years before you could

17

00:00:47,430 --> 00:00:46,160

fly in space for the uh the first time

18

00:00:49,990 --> 00:00:47,440

at uh

19

00:00:53,350 --> 00:00:50,000

you when i was a new astronaut from the

20

00:00:55,670 --> 00:00:53,360

time i started until i flew in space was

21

00:00:58,630 --> 00:00:55,680

about three and a half years some

22

00:01:00,790 --> 00:00:58,640

some people uh and it just depends on

23

00:01:02,630 --> 00:01:00,800

luck mostly but it takes a little bit

24

00:01:04,310 --> 00:01:02,640

longer but i like to think i've been

25

00:01:07,670 --> 00:01:04,320

training for this job since i was in

26

00:01:10,310 --> 00:01:07,680

kindergarten so a lot of school a lot of

27

00:01:12,390 --> 00:01:10,320

uh different types of training before i

28

00:01:15,109 --> 00:01:12,400

got to nasa and

29

00:01:16,390 --> 00:01:15,119

a lot of training even even today even

30

00:01:23,350 --> 00:01:16,400

when we're living aboard the space

31

00:01:27,910 --> 00:01:26,390

hi i'm sarah mckay i'm in seventh grade

32

00:01:29,590 --> 00:01:27,920

from denial middle school and i wanted

33

00:01:36,149 --> 00:01:29,600

to ask what's the toughest part of

34

00:01:41,030 --> 00:01:38,630

well i would say that sometimes we have

35

00:01:43,990 --> 00:01:41,040

a hard jobs and we do our best but we

36

00:01:46,149 --> 00:01:44,000

still make mistakes and yet your job is

37

00:01:48,069 --> 00:01:46,159

to keep going and just do your best the

38

00:01:51,190 --> 00:01:48,079

next time and for me that's sometimes a

39

00:01:55,120 --> 00:01:51,200

hard thing and uh and so i just work at

40

00:01:55,130 --> 00:02:00,389

[Music]

41

00:02:05,190 --> 00:02:02,389

this is evelyn mendoza from washer

42

00:02:06,230 --> 00:02:05,200

elementary second grade and her question

43

00:02:08,630 --> 00:02:06,240

is

44

00:02:10,869 --> 00:02:08,640

how

45

00:02:12,390 --> 00:02:10,879

difficult

46

00:02:13,430 --> 00:02:12,400

is

47

00:02:20,949 --> 00:02:13,440

it

48

00:02:26,229 --> 00:02:23,750

well evelyn that's also a very good

49

00:02:28,229 --> 00:02:26,239

question and um

50

00:02:29,990 --> 00:02:28,239

you know that's interesting when i flew

51

00:02:32,070 --> 00:02:30,000

on the space shuttle

52

00:02:34,869 --> 00:02:32,080

and i was up here for just a short time

53

00:02:37,509 --> 00:02:34,879

it was very very hard to sleep

54

00:02:39,430 --> 00:02:37,519

but now that i've been here a long time

55

00:02:41,990 --> 00:02:39,440

it's pretty easy to sleep i actually

56

00:02:43,430 --> 00:02:42,000

sleep pretty well in space

57

00:02:44,710 --> 00:02:43,440

um

58

00:02:46,710 --> 00:02:44,720

floating

59

00:02:47,589 --> 00:02:46,720

but i still look forward to sleeping in

60

00:02:54,630 --> 00:02:47,599

a bed

61

00:03:01,910 --> 00:02:57,190

hi my name is christian

62

00:03:06,710 --> 00:03:01,920

second grade and

63

00:03:18,070 --> 00:03:10,470

my question is is it hard to swallow in

64

00:03:22,390 --> 00:03:19,670

well i was hoping that somebody would

65

00:03:24,309 --> 00:03:22,400

ask about food in space swallowing is

66

00:03:26,550 --> 00:03:24,319

actually no problem and it doesn't feel

67

00:03:28,789 --> 00:03:26,560

any different but i will say that eating

68

00:03:31,190 --> 00:03:28,799

can be challenging we have food a lot of

69

00:03:33,430 --> 00:03:31,200

it is sort of dehydrated food that we

70

00:03:37,430 --> 00:03:33,440

put water into and it becomes food that

71

00:03:38,949 --> 00:03:37,440

we can um we can chew up and swallow but

72

00:03:40,630 --> 00:03:38,959

some of it some of the things we bring

73

00:03:42,869 --> 00:03:40,640

from home are just like things that you

74

00:03:44,789 --> 00:03:42,879

might like like i like

75

00:03:46,710 --> 00:03:44,799

little cranberries dried cranberries and

76

00:03:48,789 --> 00:03:46,720

i like jelly beans but then how to eat

77

00:03:50,789 --> 00:03:48,799

these in space this

78

00:03:52,470 --> 00:03:50,799

is truly challenging because as soon as

79

00:03:54,149 --> 00:03:52,480

i open this bag

80

00:03:56,630 --> 00:03:54,159

all of these are going to want to come

81

00:03:57,990 --> 00:03:56,640

out and so i'm going to have to have

82

00:04:02,470 --> 00:03:58,000

just a couple

83

00:04:02,480 --> 00:04:06,710

and then we have to find them

84

00:04:09,509 --> 00:04:07,910

and i

85

00:04:11,830 --> 00:04:09,519

i found that the only way to really do

86

00:04:13,190 --> 00:04:11,840

this is first of all to be careful

87

00:04:15,190 --> 00:04:13,200

and second of all you sort of shoot them

88

00:04:16,550 --> 00:04:15,200

into your mouth

89

00:04:25,830 --> 00:04:16,560

like that and sometimes we chew with our

90

00:04:31,030 --> 00:04:29,909

my name is emerson girl i'm in first

91

00:04:34,230 --> 00:04:31,040

grade

92

00:04:42,629 --> 00:04:34,240

and go to washer elementary what can you

93

00:04:45,830 --> 00:04:44,469

well when we look out the window emerson

94

00:04:47,590 --> 00:04:45,840

um

95

00:04:50,310 --> 00:04:47,600

the thing that we see and notice the

96

00:04:52,629 --> 00:04:50,320

most is planet earth uh some of our best

97

00:04:53,990 --> 00:04:52,639

windows face the earth

98

00:04:55,350 --> 00:04:54,000

and it's a

99

00:05:00,070 --> 00:04:55,360

very

100

00:05:03,110 --> 00:05:00,080

what we look at the most

101  
00:05:05,510 --> 00:05:03,120  
from the window but we can also see uh

102  
00:05:08,150 --> 00:05:05,520  
see stars if we're on the dark side of

103  
00:05:10,469 --> 00:05:08,160  
of earth and planets

104  
00:05:11,430 --> 00:05:10,479  
and we can see of course the sun and the

105  
00:05:13,749 --> 00:05:11,440  
moon

106  
00:05:15,590 --> 00:05:13,759  
and the uh blackness of space we can see

107  
00:05:17,430 --> 00:05:15,600  
the atmosphere of earth which is very

108  
00:05:19,749 --> 00:05:17,440  
noticeable

109  
00:05:23,189 --> 00:05:19,759  
and uh you know sometimes we could see

110  
00:05:24,870 --> 00:05:23,199  
uh shooting stars or or other satellites

111  
00:05:30,550 --> 00:05:24,880  
although those are really really hard to

112  
00:05:36,950 --> 00:05:33,830  
hi i'm lara denny does everyone

113  
00:05:38,090 --> 00:05:36,960

get together for meals or hang out

114

00:05:43,350 --> 00:05:38,100

during free time

115

00:05:46,310 --> 00:05:44,950

laura there are six of us here on the

116

00:05:49,430 --> 00:05:46,320

space station

117

00:05:52,230 --> 00:05:49,440

and we have two americans one italian

118

00:05:53,350 --> 00:05:52,240

and three russians when we have two

119

00:05:55,350 --> 00:05:53,360

kitchens

120

00:05:56,390 --> 00:05:55,360

two bathrooms and everybody has a place

121

00:05:58,550 --> 00:05:56,400

to sleep

122

00:06:00,469 --> 00:05:58,560

and at meal time i would say at least a

123

00:06:02,629 --> 00:06:00,479

few of us always try to get together

124

00:06:04,550 --> 00:06:02,639

although not all six every day just

125

00:06:06,150 --> 00:06:04,560

because we all have different schedules

126

00:06:08,790 --> 00:06:06,160

all have different jobs that we have to

127

00:06:10,710 --> 00:06:08,800

do throughout the day and even sometimes

128

00:06:12,950 --> 00:06:10,720

almost past dinner time but we try to

129

00:06:15,110 --> 00:06:12,960

all six get together i would say about

130

00:06:17,270 --> 00:06:15,120

at least once a week maybe more often

131

00:06:19,270 --> 00:06:17,280

and just talk about our days and how

132

00:06:20,870 --> 00:06:19,280

things are going and and what exciting

133

00:06:22,230 --> 00:06:20,880

things are happening for example our

134

00:06:24,230 --> 00:06:22,240

russian partners are going on a

135

00:06:28,309 --> 00:06:24,240

spacewalk on friday we can't wait to

136

00:06:32,550 --> 00:06:30,230

my name is haley trevor i'm in fifth

137

00:06:35,590 --> 00:06:32,560

grade from subio elementary

138

00:06:37,850 --> 00:06:35,600

has there ever been a party on the iss

139

00:06:42,150 --> 00:06:37,860

and did you celebrate with cake

140

00:06:44,309 --> 00:06:42,160

[Music]

141

00:06:46,790 --> 00:06:44,319

well we do have uh little birthday

142

00:06:48,790 --> 00:06:46,800

parties uh when it's somebody's birthday

143

00:06:50,629 --> 00:06:48,800

and you know we certainly celebrate

144

00:06:52,390 --> 00:06:50,639

other holidays here

145

00:06:54,950 --> 00:06:52,400

as far as the cake

146

00:06:57,189 --> 00:06:54,960

there hasn't been a cake

147

00:06:59,029 --> 00:06:57,199

since uh i've been up here

148

00:07:00,150 --> 00:06:59,039

we certainly have some desserts and we

149

00:07:01,749 --> 00:07:00,160

have uh

150

00:07:03,830 --> 00:07:01,759

these little brownies that you might see

151

00:07:05,749 --> 00:07:03,840

in your school lunch room

152

00:07:08,309 --> 00:07:05,759

called uh well i'm not gonna say their

153

00:07:09,189 --> 00:07:08,319

name because i'm not allowed but uh

154

00:07:10,390 --> 00:07:09,199

um

155

00:07:12,550 --> 00:07:10,400

we uh

156

00:07:14,629 --> 00:07:12,560

we don't uh have cake like you would

157

00:07:19,110 --> 00:07:14,639

normally um

158

00:07:24,230 --> 00:07:22,070

my name is kevin chang and what has been

159

00:07:31,350 --> 00:07:24,240

your most proudest or most fun moment so

160

00:07:36,070 --> 00:07:33,909

well most fun is actually waking up

161

00:07:38,309 --> 00:07:36,080

every single morning

162

00:07:40,629 --> 00:07:38,319

and realizing that i am still here on

163

00:07:43,029 --> 00:07:40,639

the space station i mean i grew up as a

164

00:07:44,710 --> 00:07:43,039

scientist and then i was really excited

165

00:07:46,950 --> 00:07:44,720

about trying to be an astronaut became

166

00:07:48,390 --> 00:07:46,960

an astronaut but still part of you just

167

00:07:50,390 --> 00:07:48,400

doesn't believe that you'd really get to

168

00:07:52,950 --> 00:07:50,400

live in space and every morning when i

169

00:07:55,029 --> 00:07:52,960

wake up i'm floating i don't know which

170

00:07:57,270 --> 00:07:55,039

way is up or down i have to figure out

171

00:07:59,909 --> 00:07:57,280

like where is the door of my little crew

172

00:08:02,150 --> 00:07:59,919

quarters and i'm just so excited to

173

00:08:04,309 --> 00:08:02,160

float around here so that's the most fun

174

00:08:06,469 --> 00:08:04,319

and you know the most proud it's

175

00:08:08,150 --> 00:08:06,479

actually kind of hard work up here and

176

00:08:09,749 --> 00:08:08,160

often it takes me a long time to do it

177

00:08:11,589 --> 00:08:09,759

and so when i'm actually doing all my

178

00:08:16,309 --> 00:08:11,599

work and i do it all right and i'm on

179

00:08:19,740 --> 00:08:18,390

my name is nicholas howard what job

180

00:08:25,270 --> 00:08:19,750

takes up most of your day

181

00:08:28,390 --> 00:08:26,390

um

182

00:08:30,150 --> 00:08:28,400

that's a hard question to answer because

183

00:08:32,149 --> 00:08:30,160

our days are uh

184

00:08:33,190 --> 00:08:32,159

are very uh

185

00:08:35,829 --> 00:08:33,200

different

186

00:08:36,790 --> 00:08:35,839

no no two days up here are alike

187

00:08:38,870 --> 00:08:36,800

um

188

00:08:40,469 --> 00:08:38,880

you know we certainly spend a lot of

189

00:08:42,550 --> 00:08:40,479

time on

190

00:08:44,470 --> 00:08:42,560

maintenance of the station we spent a

191

00:08:47,430 --> 00:08:44,480

lot of time doing science

192

00:08:50,470 --> 00:08:47,440

a lot of time doing housekeeping kind of

193

00:08:53,190 --> 00:08:50,480

tasks other you know operational things

194

00:08:56,630 --> 00:08:53,200

maybe flying the robot arm

195

00:08:59,269 --> 00:08:56,640

or um you know in some cases supporting

196

00:09:01,590 --> 00:08:59,279

uh spacewalks or maybe doing spacewalks

197

00:09:04,710 --> 00:09:01,600

today most of my day is spent uh doing a

198

00:09:06,790 --> 00:09:04,720

science experiment that is a fluid

199

00:09:10,790 --> 00:09:06,800

uh physics experiment and

200

00:09:16,550 --> 00:09:10,800

between that and the exercise i'm doing

201  
00:09:20,550 --> 00:09:18,230  
hello my name is

202  
00:09:22,389 --> 00:09:20,560  
kylie lynn thorkelson

203  
00:09:34,550 --> 00:09:22,399  
my question is what can you see when you

204  
00:09:39,509 --> 00:09:36,790  
when i look out there i see i see the

205  
00:09:41,590 --> 00:09:39,519  
stars and they look much like the stars

206  
00:09:43,269 --> 00:09:41,600  
that you would see i know out there in

207  
00:09:45,110 --> 00:09:43,279  
oregon it's really nice and dark when

208  
00:09:48,230 --> 00:09:45,120  
you're not right near the city and you

209  
00:09:51,030 --> 00:09:48,240  
can see a lot of stars to me up here in

210  
00:09:52,870 --> 00:09:51,040  
in space i feel like uh i can they look

211  
00:09:55,190 --> 00:09:52,880  
a little deeper to me instead of just

212  
00:09:57,430 --> 00:09:55,200  
one flat black sky with stars in it i

213  
00:09:59,269 --> 00:09:57,440

almost i feel like it has some depth and

214

00:10:00,790 --> 00:09:59,279

i feel like it's my neighborhood that i

215

00:10:02,389 --> 00:10:00,800

live in just like you live in a

216

00:10:03,750 --> 00:10:02,399

neighborhood down there on earth i feel

217

00:10:07,990 --> 00:10:03,760

like i'm learning my way around the

218

00:10:12,870 --> 00:10:10,790

hi i'm amanda sheller i'm in ninth grade

219

00:10:14,870 --> 00:10:12,880

and i participate in the esa program

220

00:10:17,030 --> 00:10:14,880

through mcminnville high school and my

221

00:10:19,670 --> 00:10:17,040

question is do you have a lot of room on

222

00:10:20,440 --> 00:10:19,680

the iss especially personal space like

223

00:10:25,110 --> 00:10:20,450

for sleeping

224

00:10:29,670 --> 00:10:28,280

um the space station is pretty big

225

00:10:30,829 --> 00:10:29,680

[Music]

226

00:10:33,350 --> 00:10:30,839

you know there's

227

00:10:35,030 --> 00:10:33,360

uh geez i don't know how many modules

228

00:10:37,350 --> 00:10:35,040

there are now they're probably you know

229

00:10:39,990 --> 00:10:37,360

at least 10 maybe

230

00:10:41,030 --> 00:10:40,000

pressurized modules on board the space

231

00:10:41,829 --> 00:10:41,040

station

232

00:10:43,670 --> 00:10:41,839

and

233

00:10:46,389 --> 00:10:43,680

so we have about as much room as you

234

00:10:48,630 --> 00:10:46,399

might have in let's say a large house

235

00:10:50,389 --> 00:10:48,640

maybe a four bedroom house

236

00:10:52,870 --> 00:10:50,399

you know some of that space is taken up

237

00:10:54,630 --> 00:10:52,880

with equipment because imagine your

238

00:10:56,790 --> 00:10:54,640

house if you could never leave or you

239

00:10:59,269 --> 00:10:56,800

couldn't leave for six months how much

240

00:11:02,389 --> 00:10:59,279

stuff you would need in it

241

00:11:04,470 --> 00:11:02,399

as far as personal space we each have

242

00:11:07,030 --> 00:11:04,480

what's called a crew quarters

243

00:11:08,550 --> 00:11:07,040

which is where we sleep it's uh you know

244

00:11:11,509 --> 00:11:08,560

where we

245

00:11:12,470 --> 00:11:11,519

might uh do email um

246

00:11:15,590 --> 00:11:12,480

or

247

00:11:18,150 --> 00:11:15,600

you know maybe watch a movie um and that

248

00:11:20,389 --> 00:11:18,160

space is uh is fairly small it's

249

00:11:22,630 --> 00:11:20,399

probably about the size of like a you

250

00:11:26,230 --> 00:11:22,640

know a small bathroom

251

00:11:28,710 --> 00:11:26,240

in a in a house or maybe i i i hate to

252

00:11:30,790 --> 00:11:28,720

use the analogy of a phone booth because

253

00:11:33,110 --> 00:11:30,800

they don't really exist anymore but it's

254

00:11:35,110 --> 00:11:33,120

uh maybe a little bit bigger than than

255

00:11:37,829 --> 00:11:35,120

if you can remember what a uh

256

00:11:42,630 --> 00:11:37,839

or seen in movies what an old telephone

257

00:11:47,110 --> 00:11:44,870

hi my name is nathan losman and my

258

00:11:49,350 --> 00:11:47,120

question is with so many nations working

259

00:11:57,269 --> 00:11:49,360

on the international space station is it

260

00:12:01,030 --> 00:11:59,030

i wouldn't say it's challenging for me

261

00:12:03,590 --> 00:12:01,040

it's one of the parts that i enjoy the

262

00:12:05,590 --> 00:12:03,600

most um being up here in space is very

263

00:12:07,670 --> 00:12:05,600

special and i think it's something that

264

00:12:09,509 --> 00:12:07,680

you know it space belongs to the whole

265

00:12:11,350 --> 00:12:09,519

earth not just any one country so i'm

266

00:12:13,509 --> 00:12:11,360

proud to be up here with representatives

267

00:12:15,750 --> 00:12:13,519

from many different countries i think

268

00:12:18,150 --> 00:12:15,760

languages um and under understanding

269

00:12:20,550 --> 00:12:18,160

different languages can be very helpful

270

00:12:23,590 --> 00:12:20,560

and so we try to we

271

00:12:25,030 --> 00:12:23,600

we all train in russia because we

272

00:12:27,430 --> 00:12:25,040

launched the space station on the

273

00:12:30,069 --> 00:12:27,440

russian soyuz and it's always our rescue

274

00:12:32,470 --> 00:12:30,079

vehicle if we need it and so we as

275

00:12:34,550 --> 00:12:32,480

americans and europeans and japanese

276

00:12:36,629 --> 00:12:34,560

learn russian and the russians learn

277

00:12:38,470 --> 00:12:36,639

english and we have paolo with us who's

278

00:12:40,790 --> 00:12:38,480

from italy so we're we're working on a

279

00:12:46,389 --> 00:12:40,800

little bit of italian but so far i think

280

00:12:50,069 --> 00:12:48,150

hi my name is hannah lang and my

281

00:12:52,010 --> 00:12:50,079

question is what is the best part about

282

00:13:01,910 --> 00:12:52,020

being in microgravity

283

00:13:04,310 --> 00:13:01,920

you know you would think it'd be

284

00:13:07,110 --> 00:13:04,320

floating around and that's that's fun

285

00:13:10,069 --> 00:13:07,120

but you know i associate

286

00:13:13,509 --> 00:13:10,079

being in microgravity as as you know

287

00:13:15,509 --> 00:13:13,519

being part of this larger mission and uh

288

00:13:17,910 --> 00:13:15,519

for me that's what the best part is is

289

00:13:19,750 --> 00:13:17,920

about being part of a team and working

290

00:13:20,550 --> 00:13:19,760

at something that's uh really really

291

00:13:22,629 --> 00:13:20,560

hard

292

00:13:23,750 --> 00:13:22,639

and then you know doing well at it and

293

00:13:25,750 --> 00:13:23,760

being

294

00:13:27,829 --> 00:13:25,760

uh you know proud of yourself for your

295

00:13:29,590 --> 00:13:27,839

accomplishments and i tell kids you know

296

00:13:30,550 --> 00:13:29,600

that's something that you guys can do

297

00:13:32,790 --> 00:13:30,560

too

298

00:13:34,629 --> 00:13:32,800

you know in your schoolwork and other

299

00:13:36,629 --> 00:13:34,639

activities is work hard at them and then

300

00:13:40,790 --> 00:13:36,639

be proud of yourselves when uh when you

301

00:13:45,509 --> 00:13:43,829

hi my name is seth schulbrock and

302

00:13:51,750 --> 00:13:45,519

my question is what do you do for

303

00:13:57,189 --> 00:13:54,870

well all of us do a lot of

304

00:13:58,550 --> 00:13:57,199

running bicycling and weightlifting

305

00:14:03,030 --> 00:13:58,560

every day

306

00:14:05,189 --> 00:14:03,040

we do that mostly because we don't walk

307

00:14:07,269 --> 00:14:05,199

around on our legs and so we don't um

308

00:14:09,189 --> 00:14:07,279

our bones don't maintain themselves in

309

00:14:11,750 --> 00:14:09,199

fact we lose bone just like some older

310

00:14:13,430 --> 00:14:11,760

people do so we exercise quite a bit and

311

00:14:15,030 --> 00:14:13,440

that's that's some recreation and then i

312

00:14:16,550 --> 00:14:15,040

think everybody it's just like on earth

313

00:14:17,990 --> 00:14:16,560

everybody has their own particular

314

00:14:19,990 --> 00:14:18,000

things that they do

315

00:14:21,910 --> 00:14:20,000

um i'm still pretty new up here so i

316

00:14:23,590 --> 00:14:21,920

haven't had a lot of free time yet but i

317

00:14:26,230 --> 00:14:23,600

down on the earth when i have some free

318

00:14:28,389 --> 00:14:26,240

time i like to be with my family can't

319

00:14:31,189 --> 00:14:28,399

do that up here so i also like to play

320

00:14:33,350 --> 00:14:31,199

the flute i'm a musician so i do just a

321

00:14:35,750 --> 00:14:33,360

little bit of that up here and i think a

322

00:14:37,590 --> 00:14:35,760

lot of us liked oh

323

00:14:39,430 --> 00:14:37,600

here's my flute

324

00:14:40,790 --> 00:14:39,440

i keep it i keep it out here it gets to

325

00:14:44,389 --> 00:14:40,800

float around

326

00:14:46,470 --> 00:14:44,399

and a lot of us like to like to read and

327

00:14:50,870 --> 00:14:46,480

watch tv and movies just like down there

328

00:14:55,350 --> 00:14:53,509

hey my name is kai rasmussen and my

329

00:15:02,629 --> 00:14:55,360

question is do you have internet access

330

00:15:08,310 --> 00:15:06,150

yeah we uh we do actually have the uh an

331

00:15:11,189 --> 00:15:08,320

internet that is uh

332

00:15:13,750 --> 00:15:11,199

you know connected real time although

333

00:15:15,189 --> 00:15:13,760

it isn't available all the time because

334

00:15:16,230 --> 00:15:15,199

of the satellite coverage and it's

335

00:15:18,550 --> 00:15:16,240

somewhat

336

00:15:22,069 --> 00:15:18,560

but

337

00:15:24,629 --> 00:15:22,079

you know at certain times it is usable

338

00:15:27,590 --> 00:15:24,639

and it's useful and it's a really nice

339

00:15:30,629 --> 00:15:27,600

capability to have on board

340

00:15:33,749 --> 00:15:30,639

most of the stuff we do though in that

341

00:15:36,790 --> 00:15:33,759

area like social network

342

00:15:38,629 --> 00:15:36,800

networking email those kind of things

343

00:15:41,269 --> 00:15:38,639

we don't do it on the real

344

00:15:43,430 --> 00:15:41,279

time connected internet because it's not

345

00:15:45,670 --> 00:15:43,440

it's not quite as reliable what we do is

346

00:15:47,430 --> 00:15:45,680

we kind of synchronize our mail with the

347

00:15:48,230 --> 00:15:47,440

ground at certain times throughout the

348

00:15:50,150 --> 00:15:48,240

day

349

00:15:52,150 --> 00:15:50,160

and uh

350

00:15:54,550 --> 00:15:52,160

but it works well for staying connected

351

00:15:55,590 --> 00:15:54,560

with uh people on on the earth you'll

352

00:15:57,910 --> 00:15:55,600

notice

353

00:16:00,310 --> 00:15:57,920

you may know a lot of astronauts do uh

354

00:16:02,150 --> 00:16:00,320

twitter and uh you know nasa has a

355

00:16:04,870 --> 00:16:02,160

facebook account for the international

356

00:16:09,990 --> 00:16:04,880

space station so we do some uh you know

357

00:16:18,710 --> 00:16:12,470

my name is lucas simpson and can you

358

00:16:22,389 --> 00:16:20,470

you know every time i look it down at

359

00:16:24,470 --> 00:16:22,399

the earth lucas it looks uh different it

360

00:16:25,590 --> 00:16:24,480

depends on the weather it depends on the

361

00:16:27,670 --> 00:16:25,600

light

362

00:16:29,509 --> 00:16:27,680

we can see you know certainly all the

363

00:16:31,430 --> 00:16:29,519

snow that's been happening in the in the

364

00:16:33,030 --> 00:16:31,440

us in the past few weeks in fact it's

365

00:16:35,670 --> 00:16:33,040

nice for me i'm always looking for

366

00:16:38,550 --> 00:16:35,680

portland because my stepmom and my and

367

00:16:40,150 --> 00:16:38,560

my brothers live in portland and up in

368

00:16:41,749 --> 00:16:40,160

vancouver washington in fact i've been

369

00:16:43,910 --> 00:16:41,759

to your great museum right there in

370

00:16:45,509 --> 00:16:43,920

mcminnville so i'm uh glad to be

371

00:16:46,790 --> 00:16:45,519

thinking about where you are

372

00:16:48,829 --> 00:16:46,800

unfortunately i keep trying to take a

373

00:16:51,590 --> 00:16:48,839

picture and it's often cloudy there in

374

00:16:53,910 --> 00:16:51,600

mcminnville um but we do definitely see

375

00:16:56,550 --> 00:16:53,920

lots of changes on the earth and in fact

376

00:16:58,470 --> 00:16:56,560

we get to be the representative of many

377

00:17:00,550 --> 00:16:58,480

scientists up here and take pictures of

378

00:17:02,710 --> 00:17:00,560

the earth we take hundreds and hundreds

379

00:17:04,789 --> 00:17:02,720

of pictures of the earth every week just

380

00:17:05,669 --> 00:17:04,799

to diagnose you know how is the earth

381

00:17:09,990 --> 00:17:05,679

doing

382

00:17:12,789 --> 00:17:11,829

hi my name is danielle miller and i was

383

00:17:18,390 --> 00:17:12,799

wondering what are some of the

384

00:17:23,829 --> 00:17:20,230

well like i said earlier i was working

385

00:17:25,270 --> 00:17:23,839

on a uh a fluid uh physics experiment

386

00:17:28,870 --> 00:17:25,280

today

387

00:17:30,870 --> 00:17:28,880

called marangoni and it's

388

00:17:33,270 --> 00:17:30,880

it's trying to understand how fluids

389

00:17:36,150 --> 00:17:33,280

behave in in microgravity because when

390

00:17:37,990 --> 00:17:36,160

you take gravity away from um from

391

00:17:41,029 --> 00:17:38,000

you know the the problem you're trying

392

00:17:41,750 --> 00:17:41,039

to understand it does uh it allows you

393

00:17:43,270 --> 00:17:41,760

to

394

00:17:44,150 --> 00:17:43,280

understand things better and we have a

395

00:17:46,390 --> 00:17:44,160

unique

396

00:17:47,590 --> 00:17:46,400

environment here to do that

397

00:17:49,830 --> 00:17:47,600

and

398

00:17:51,750 --> 00:17:49,840

katie's demonstrating to you here with

399

00:17:53,750 --> 00:17:51,760

this bag of water

400

00:17:55,190 --> 00:17:53,760

how fluids behave a little bit

401  
00:17:56,950 --> 00:17:55,200  
differently than they do on earth by

402  
00:18:02,870 --> 00:17:56,960  
making this

403  
00:18:05,830 --> 00:18:04,150  
i think though

404  
00:18:07,909 --> 00:18:05,840  
you know what one thing that interests

405  
00:18:11,830 --> 00:18:07,919  
me about the space station is the whole

406  
00:18:14,549 --> 00:18:11,840  
thing in itself is an experiment um

407  
00:18:17,510 --> 00:18:14,559  
and uh you know it's an experiment in

408  
00:18:19,190 --> 00:18:17,520  
how to make systems that allow people to

409  
00:18:21,750 --> 00:18:19,200  
stay alive for

410  
00:18:24,230 --> 00:18:21,760  
for uh you know long periods of time in

411  
00:18:26,230 --> 00:18:24,240  
space is an experiment on the humans to

412  
00:18:28,710 --> 00:18:26,240  
to understand how they do

413  
00:18:30,789 --> 00:18:28,720

do in space and it's also you know

414

00:18:32,549 --> 00:18:30,799

learning things that will uh you know

415

00:18:41,270 --> 00:18:32,559

enhance our lives on earth so the whole

416

00:18:46,630 --> 00:18:43,669

well folks we lost satellite feed that's

417

00:18:48,070 --> 00:18:46,640

uh pretty much all right thank you guys

418

00:18:50,630 --> 00:18:48,080

appreciate talking to you please come

419

00:18:54,150 --> 00:18:50,640

see us again here in mackin thanks a lot

420

00:18:57,270 --> 00:18:55,590

yeah it was great talking to you guys

421

00:19:07,590 --> 00:18:57,280

too and uh thanks for all the great

422

00:19:11,990 --> 00:19:09,350

station this is houston acr that

423

00:19:14,310 --> 00:19:12,000

concludes the event thank you

424

00:19:16,710 --> 00:19:14,320

thank you evergreen aviation and space