



1  
00:00:08,270 --> 00:00:03,560  
that's affirmative I am ready for the PA

2  
00:00:10,459 --> 00:00:08,280  
event Akita University this is Houston

3  
00:00:19,570 --> 00:00:10,469  
please call station this is Houston

4  
00:00:26,689 --> 00:00:26,269  
how do you mean I read you loud and

5  
00:00:34,310 --> 00:00:26,699  
clear

6  
00:00:41,799 --> 00:00:34,320  
yo coach Cory masa I can hear you very

7  
00:00:46,580 --> 00:00:41,809  
well hello dr. Fujikawa

8  
00:00:49,520 --> 00:00:46,590  
many children have gathered here at IKEA

9  
00:00:55,959 --> 00:00:49,530  
University who love space and adore you

10  
00:01:01,670 --> 00:00:59,420  
mrs. scoochie an education and human

11  
00:01:02,920 --> 00:01:01,680  
studies major thank you very much for

12  
00:01:14,270 --> 00:01:02,930  
taking your time today

13  
00:01:21,020 --> 00:01:14,280

now the first question my name is Hiro

14

00:01:28,300 --> 00:01:21,030

Katya master dr. Furukawa what is the

15

00:01:32,149 --> 00:01:28,310

reason for your smile small area at all

16

00:01:39,620 --> 00:01:32,159

knatokie much thank you for your

17

00:01:42,319 --> 00:01:39,630

question I think maybe the desired that

18

00:01:47,139 --> 00:01:42,329

I want to work have worked happily

19

00:01:49,609 --> 00:01:47,149

without coal diggers and then and then I

20

00:01:55,670 --> 00:01:49,619

enjoy working with them thank you for

21

00:01:58,370 --> 00:01:55,680

your a good question my name is Oscar

22

00:02:00,620 --> 00:01:58,380

Onishi are there any space technology

23

00:02:05,149 --> 00:02:00,630

applications that could help without

24

00:02:13,280 --> 00:02:08,389

I'm thinking I used some Aria again

25

00:02:17,300 --> 00:02:13,290

Giordano days thank you for the good

26

00:02:20,240 --> 00:02:17,310

scientific question something we can

27

00:02:24,199 --> 00:02:20,250

apply to that accident solution right

28

00:02:27,440 --> 00:02:24,209

away are not available right right now

29

00:02:31,550 --> 00:02:27,450

but now we are studying radiation in

30

00:02:36,080 --> 00:02:31,560

space and we do not have atmosphere

31

00:02:38,600 --> 00:02:36,090

which can protect us us so there's a lot

32

00:02:42,979 --> 00:02:38,610

of radiation in space that we are

33

00:02:46,970 --> 00:02:42,989

studying radiation of effect on animals

34

00:02:53,390 --> 00:02:46,980

and machines thank you very much for

35

00:02:55,309 --> 00:02:53,400

your good question my name is Michi

36

00:02:57,920 --> 00:02:55,319

Sugiyama when you stay at the

37

00:03:00,080 --> 00:02:57,930

International Space Station station for

38

00:03:09,860 --> 00:03:00,090

such a long time how do you maintain

39

00:03:14,740 --> 00:03:09,870

your mental health and story short I

40

00:03:19,569 --> 00:03:14,750

mean I am as well it's a good question

41

00:03:23,330 --> 00:03:19,579

so I will not accumulate stress in

42

00:03:30,190 --> 00:03:23,340

stress here I do exercise and I talk

43

00:03:34,789 --> 00:03:30,200

with my family I try to control my

44

00:03:39,370 --> 00:03:34,799

myself and that I'm trying to control

45

00:03:47,479 --> 00:03:43,759

my name is Kaname Sato when day and

46

00:03:56,110 --> 00:03:47,489

night comes to you feel warm and cold in

47

00:04:06,290 --> 00:04:03,410

thank you for your question inside ISS

48

00:04:07,870 --> 00:04:06,300

we feel the same temperature all the

49

00:04:11,720 --> 00:04:07,880

time

50

00:04:16,160 --> 00:04:11,730

and we're the scientists it's higher

51  
00:04:21,009 --> 00:04:16,170  
than 100 degrees and where it's in the

52  
00:04:24,470 --> 00:04:21,019  
in the shade it's less minus 100 degrees

53  
00:04:29,770 --> 00:04:24,480  
one side is 100 degrees the other side

54  
00:04:34,190 --> 00:04:29,780  
is minus 100 degrees if if inside

55  
00:04:37,250 --> 00:04:34,200  
temperature changes as accordingly as

56  
00:04:39,920 --> 00:04:37,260  
the same as outside so the temperature

57  
00:04:44,210 --> 00:04:39,930  
inside is controlled so we can stay at

58  
00:04:53,030 --> 00:04:44,220  
around 20 degrees and I think it's a

59  
00:04:55,760 --> 00:04:53,040  
wonderful technology humans developed my

60  
00:04:58,100 --> 00:04:55,770  
name is Midori Scala is it possible to

61  
00:05:09,680 --> 00:04:58,110  
play domino toppling using Japanese

62  
00:05:12,740 --> 00:05:09,690  
chess pieces in the space station that's

63  
00:05:18,800 --> 00:05:12,750

a very interesting question I think we

64

00:05:22,340 --> 00:05:18,810

can dare these clips here maybe we can

65

00:05:26,840 --> 00:05:22,350

let them have slowed and then maybe we

66

00:05:32,659 --> 00:05:26,850

can topple them because there's no

67

00:05:35,240 --> 00:05:32,669

gravity it will not fall in line he'll

68

00:05:37,640 --> 00:05:35,250

go all over I think

69

00:05:40,010 --> 00:05:37,650

domina toppling using Japanese just

70

00:05:41,780 --> 00:05:40,020

pieces would be more interesting on the

71

00:05:44,930 --> 00:05:41,790

ground thank you very much for the

72

00:05:48,200 --> 00:05:44,940

interest for interesting question

73

00:05:52,040 --> 00:05:48,210

my name is Joe kami-sama after

74

00:05:53,930 --> 00:05:52,050

experiencing many tax in space with the

75

00:05:56,600 --> 00:05:53,940

people from different countries how do

76

00:06:03,590 --> 00:05:56,610

you feel how do you feel you have

77

00:06:09,749 --> 00:06:03,600

matured as a person I you know it all

78

00:06:18,370 --> 00:06:14,430

when we tackle with difficult tasks

79

00:06:20,469 --> 00:06:18,380

first it doesn't work out but when we

80

00:06:23,499 --> 00:06:20,479

keep trying something we couldn't

81

00:06:29,050 --> 00:06:23,509

accomplish yesterday works out the next

82

00:06:35,080 --> 00:06:29,060

day so that's how I feel I'm maturing

83

00:06:36,629 --> 00:06:35,090

and progressing as a person my name is

84

00:06:39,820 --> 00:06:36,639

aya Hayashi

85

00:06:49,860 --> 00:06:39,830

do you have any special events or

86

00:06:59,740 --> 00:06:54,909

yes we have events and parties for

87

00:07:03,550 --> 00:06:59,750

examples July 4th on the day of American

88

00:07:07,960 --> 00:07:03,560

independence day we celebrated it with

89

00:07:11,460 --> 00:07:07,970

American friends on when the last space

90

00:07:14,529 --> 00:07:11,470

shuttle Atlantis returned in safety

91

00:07:17,920 --> 00:07:14,539

safely we had our party soon to

92

00:07:22,800 --> 00:07:17,930

celebrate it and we get together and we

93

00:07:28,689 --> 00:07:26,050

my name is Yuka Yamamoto they're

94

00:07:31,270 --> 00:07:28,699

astronauts from different countries with

95

00:07:33,250 --> 00:07:31,280

you when do you feel you can make good

96

00:07:40,029 --> 00:07:33,260

use of your character as a Japanese

97

00:07:43,810 --> 00:07:40,039

person you hon Jesus that King been dead

98

00:07:47,980 --> 00:07:43,820

then I must get a more character a

99

00:07:53,110 --> 00:07:47,990

Japanese character would be like very

100

00:07:59,110 --> 00:07:53,120

diligent that not only Japanese diligent

101

00:08:02,290 --> 00:07:59,120

I feel that's the character of not not

102

00:08:05,170 --> 00:08:02,300

as country that each individual

103

00:08:07,749 --> 00:08:05,180

characters are different we respected

104

00:08:11,529 --> 00:08:07,759

each other's difference in each other

105

00:08:15,909 --> 00:08:11,539

and we work together

106

00:08:22,640 --> 00:08:15,919

thank you for your good question

107

00:08:26,629 --> 00:08:22,650

my name is yatta hero Takashi why should

108

00:08:31,060 --> 00:08:26,639

we be what did you work what did you

109

00:08:41,589 --> 00:08:31,070

work on hardest to become an astronaut I

110

00:08:46,880 --> 00:08:41,599

am as my name is yeti hero Takashi what

111

00:08:53,090 --> 00:08:46,890

did you work on the hardest to become an

112

00:08:54,079 --> 00:08:53,100

astronaut I Marika same ol same Oh Scott

113

00:08:59,690 --> 00:08:54,089

Elvis died Jesus

114

00:09:04,579 --> 00:08:59,700

Hitachi Novaya Gazeta the first thing is

115

00:09:08,560 --> 00:09:04,589

to choose special field of study in my

116

00:09:11,810 --> 00:09:08,570

case it was medicines but as maybe as

117

00:09:15,380 --> 00:09:11,820

space engineering and we need to learn

118

00:09:18,680 --> 00:09:15,390

teamwork when people get together and

119

00:09:22,280 --> 00:09:18,690

work together many more things can be

120

00:09:24,920 --> 00:09:22,290

accomplished so I learned teamwork thank

121

00:09:27,980 --> 00:09:24,930

you very much for your good question my

122

00:09:31,130 --> 00:09:27,990

name is Chiaki settle what are some

123

00:09:33,920 --> 00:09:31,140

methods or measures that you take to

124

00:09:39,760 --> 00:09:33,930

prevent prevent becoming sick in space

125

00:09:49,340 --> 00:09:45,199

thank you for medical question that

126  
00:09:53,090 --> 00:09:49,350  
virus and germs we try not to bring them

127  
00:09:56,269 --> 00:09:53,100  
into the space we are quarantined for a

128  
00:09:59,120 --> 00:09:56,279  
week or two weeks so we do not have

129  
00:10:03,740 --> 00:09:59,130  
contact with sick people before the

130  
00:10:06,470 --> 00:10:03,750  
launch and then once in space station we

131  
00:10:10,340 --> 00:10:06,480  
have daily exercise and in case we do

132  
00:10:13,730 --> 00:10:10,350  
get sick we do have emergency medicine

133  
00:10:15,470 --> 00:10:13,740  
and that's that's how we maintain our

134  
00:10:20,540 --> 00:10:15,480  
health thank you very much

135  
00:10:29,600 --> 00:10:23,490  
would you like to take to space if you

136  
00:10:34,380 --> 00:10:29,610  
are allowed to take someone that's that

137  
00:10:36,840 --> 00:10:34,390  
you are you know that can you know thank

138  
00:10:41,340 --> 00:10:36,850

you very much for the interesting

139

00:10:45,480 --> 00:10:41,350

question I want to take the leaders of

140

00:10:49,560 --> 00:10:45,490

different countries and I want them to

141

00:10:52,860 --> 00:10:49,570

have a summit meeting here in space

142

00:10:53,600 --> 00:10:52,870

thank you very much for this for a good

143

00:10:58,860 --> 00:10:53,610

question

144

00:11:02,070 --> 00:10:58,870

my name is haigha or no data how do you

145

00:11:05,400 --> 00:11:02,080

think the study of comics a cosmic

146

00:11:12,600 --> 00:11:05,410

science will help us would you say

147

00:11:19,530 --> 00:11:12,610

Barack Obama's first thing is to study

148

00:11:23,790 --> 00:11:19,540

the origin of space universe thus the

149

00:11:29,610 --> 00:11:23,800

planets small planets habitable samples

150

00:11:35,010 --> 00:11:29,620

of and their sensors we can check study

151

00:11:39,180 --> 00:11:35,020

universe and then the next one is a

152

00:11:42,990 --> 00:11:39,190

development engineering development such

153

00:11:50,360 --> 00:11:43,000

as developing faster building an angel

154

00:11:59,240 --> 00:11:54,390

movement circular movement thank you

155

00:12:05,420 --> 00:12:02,689

my name is Hiromi Nacala on the earth we

156

00:12:07,939 --> 00:12:05,430

can distinguish between morning and

157

00:12:16,189 --> 00:12:07,949

night by the location of the Sun how do

158

00:12:22,610 --> 00:12:16,199

you recognize it in space hi it's not a

159

00:12:34,550 --> 00:12:29,840

we can tell physically the outside we do

160

00:12:38,389 --> 00:12:34,560

know your light or darkness but our body

161

00:12:40,879 --> 00:12:38,399

can tell when it's morning we feel it's

162

00:12:43,689 --> 00:12:40,889

morning and when the night comes the

163

00:12:50,629 --> 00:12:43,699

body feels that I can't explain

164

00:12:55,189 --> 00:12:50,639

probably body clock works and hormones

165

00:13:00,559 --> 00:12:55,199

in our body controls our body thank you

166

00:13:03,650 --> 00:13:00,569

very much for the good question my name

167

00:13:06,220 --> 00:13:03,660

is riotta takahashi out of all the

168

00:13:08,650 --> 00:13:06,230

experiments you carry out which do you

169

00:13:12,439 --> 00:13:08,660

enjoy the most

170

00:13:17,569 --> 00:13:12,449

karai doll cannot a curiosity kanga he's

171

00:13:22,480 --> 00:13:17,579

only told me to Titus the experiment I

172

00:13:23,869 --> 00:13:22,490

just conducted using cucumbers cucumbers

173

00:13:26,619 --> 00:13:23,879

germinate

174

00:13:30,100 --> 00:13:26,629

we studied of what happens in

175

00:13:34,480 --> 00:13:30,110

zero-gravity state when it germinate

176

00:13:39,379 --> 00:13:34,490

using that when when the human go to

177

00:13:44,420 --> 00:13:39,389

when human go to there in space maybe we

178

00:13:46,100 --> 00:13:44,430

can have a space vegetable garden my

179

00:13:49,160 --> 00:13:46,110

name is Turkish a motto

180

00:13:55,400 --> 00:13:49,170

are there any viruses or bacteria that

181

00:14:01,220 --> 00:13:55,410

cause diseases in space took a little

182

00:14:10,500 --> 00:14:06,710

and basically there are no bacteria or

183

00:14:12,980 --> 00:14:10,510

viruses in space so we can stay healthy

184

00:14:19,350 --> 00:14:12,990

we can maintain our health here

185

00:14:25,340 --> 00:14:19,360

my name's cata Watanabe please tell us

186

00:14:34,470 --> 00:14:30,890

Kiyomi tataki days since I came to space

187

00:14:37,080 --> 00:14:34,480

when I saw the earth for the first time

188

00:14:42,030 --> 00:14:37,090

after I came to International Space

189

00:14:45,840 --> 00:14:42,040

Station I could see the atmosphere seen

190

00:14:49,590 --> 00:14:45,850

atmosphere around the earth and then I

191

00:14:51,720 --> 00:14:49,600

could tell the earth was protected by

192

00:14:53,280 --> 00:14:51,730

the atmosphere and then I thought we

193

00:15:01,770 --> 00:14:53,290

have to take good care of the earth

194

00:15:08,310 --> 00:15:01,780

thank you very much my name is coast

195

00:15:13,070 --> 00:15:08,320

Kaito regarding human body in GOG state

196

00:15:21,150 --> 00:15:13,080

what medically what interests you most

197

00:15:24,440 --> 00:15:21,160

Dakka Dakka Dakka Dakka torres how human

198

00:15:35,760 --> 00:15:24,450

body react to things

199

00:15:39,720 --> 00:15:35,770

maybe being so in stomach was I felt

200

00:15:49,370 --> 00:15:39,730

maybe in space the food will float in my

201

00:15:49,380 --> 00:15:54,410

why

202

00:16:01,590 --> 00:15:59,220

okay I think I that I feel very for very

203

00:16:04,140 --> 00:16:01,600

fast that I think because when the Solow

204

00:16:08,940 --> 00:16:04,150

food is split all over the stomachs

205

00:16:12,870 --> 00:16:08,950

tried to feel right away my name is joy

206

00:16:16,970 --> 00:16:12,880

Eden what kind of living condition

207

00:16:22,080 --> 00:16:16,980

improving ideas in International Space

208

00:16:32,100 --> 00:16:22,090

Station your most impressed with so good

209

00:16:35,100 --> 00:16:32,110

so good you living different aspects of

210

00:16:39,090 --> 00:16:35,110

living rather than that maybe it's

211

00:16:43,200 --> 00:16:39,100

related to my work in zero gravity when

212

00:16:46,350 --> 00:16:43,210

I touch when I touch where I can move

213

00:16:51,210 --> 00:16:46,360

around really easily but the problem is

214

00:16:55,470 --> 00:16:51,220

everything flows I and then when I push

215

00:16:58,050 --> 00:16:55,480

it a little force makes it move on the

216

00:17:05,579 --> 00:16:58,060

ground you put something somewhere in it

217

00:17:11,250 --> 00:17:05,589

States there we put tape on things so we

218

00:17:15,510 --> 00:17:11,260

can stay tional eyes it on things and

219

00:17:17,040 --> 00:17:15,520

that's the hint clue in working in

220

00:17:21,210 --> 00:17:17,050

zero-gravity State

221

00:17:24,060 --> 00:17:21,220

my name is Yoshi honor why did you

222

00:17:28,680 --> 00:17:24,070

decide to conduct this experiment on Oh

223

00:17:38,720 --> 00:17:28,690

still Ross Perot Systems code sauce also

224

00:17:45,000 --> 00:17:38,730

hornucopia process is the disease

225

00:17:53,330 --> 00:17:45,010

disease of bone getting hurt or losing

226

00:17:57,190 --> 00:17:53,340

bone mass and on the ground if this

227

00:18:02,700 --> 00:17:57,200

disease progresses once but

228

00:18:09,310 --> 00:18:02,710

in space it progressed 10 times as fast

229

00:18:12,880 --> 00:18:09,320

and in space we can have a aging model

230

00:18:15,190 --> 00:18:12,890

here so I was very interested and I

231

00:18:23,020 --> 00:18:15,200

would decided to participate in that

232

00:18:25,390 --> 00:18:23,030

experiment my name is Misaki Itakura in

233

00:18:28,150 --> 00:18:25,400

zero-gravity State I heard the blood

234

00:18:34,240 --> 00:18:28,160

pressure goes down how did you feel the

235

00:18:40,870 --> 00:18:34,250

change I it seems Oh Morgan doesn't act

236

00:18:45,490 --> 00:18:40,880

assume you know their heart doesn't have

237

00:18:46,720 --> 00:18:45,500

to work as the blood pressure goes down

238

00:18:50,200 --> 00:18:46,730

slightly

239

00:18:51,820 --> 00:18:50,210

i I do feel there's a lot of more blood

240

00:18:58,740 --> 00:18:51,830

going up to my head

241

00:19:03,390 --> 00:18:58,750

and I feel my face Wells has swelled

242

00:19:13,480 --> 00:19:05,890

thank you very much for taking time with

243

00:19:17,590 --> 00:19:13,490

us today please give a message to

244

00:19:18,880 --> 00:19:17,600

children so thank you very much you

245

00:19:24,850 --> 00:19:18,890

don't know can you tell me about the

246

00:19:29,290 --> 00:19:24,860

good as I three messages I want children

247

00:19:32,320 --> 00:19:29,300

to be interested in everything many

248

00:19:35,530 --> 00:19:32,330

things the music music maybe helping

249

00:19:39,160 --> 00:19:35,540

other people and then a find you then

250

00:19:42,970 --> 00:19:39,170

you find something you are good at and

251

00:19:44,860 --> 00:19:42,980

the second is to have a dream to have a

252

00:19:48,040 --> 00:19:44,870

concrete dream is something you want to

253

00:19:51,880 --> 00:19:48,050

do in the future and the third is make

254

00:19:54,040 --> 00:19:51,890

an effort to achieve that dream to make

255

00:19:57,820 --> 00:19:54,050

that dream come true if you keep working

256

00:20:07,000 --> 00:19:57,830

you're doing me will come true

257

00:20:11,769 --> 00:20:07,010

I everybody dr. fluke appreciation angel

258

00:20:16,470 --> 00:20:11,779

your mission enjoy mission thank you