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1  
00:00:07,520 --> 00:00:11,830  
this week at nasa

2  
00:00:16,550 --> 00:00:14,150  
with less than one month away from their

3  
00:00:18,710 --> 00:00:16,560  
targeted launch date the six members of

4  
00:00:21,510 --> 00:00:18,720  
the shuttle endeavour crew are busily

5  
00:00:23,509 --> 00:00:21,520  
preparing for their sts-130 mission to

6  
00:00:25,269 --> 00:00:23,519  
the international space station

7  
00:00:27,109 --> 00:00:25,279  
they continue to review their flight

8  
00:00:30,070 --> 00:00:27,119  
equipment and rendezvous procedures

9  
00:00:31,910 --> 00:00:30,080  
while technicians on launch pad 39a at

10  
00:00:34,150 --> 00:00:31,920  
the kennedy space center complete

11  
00:00:36,150 --> 00:00:34,160  
pre-launch propellant servicing

12  
00:00:39,190 --> 00:00:36,160  
so you get all four kilometers commander

13  
00:00:41,510 --> 00:00:39,200

george zamka and pilot terry verts 130's

14

00:00:44,310 --> 00:00:41,520

only first-time flyer will be joined by

15

00:00:46,950 --> 00:00:44,320

mission specialist bob benkin nicholas

16

00:00:49,270 --> 00:00:46,960

patrick catherine heyer and steve

17

00:00:51,750 --> 00:00:49,280

robinson aboard endeavour they'll

18

00:00:53,430 --> 00:00:51,760

deliver tranquility a third connecting

19

00:00:55,590 --> 00:00:53,440

module to the station and a

20

00:00:58,229 --> 00:00:55,600

seven-windowed cupola to be used as a

21

00:01:00,869 --> 00:00:58,239

control room for robotics endeavour is

22

00:01:04,710 --> 00:01:00,879

targeted to launch on february 7th at 4

23

00:01:10,070 --> 00:01:07,750

the sts-129 crew was in washington for a

24

00:01:12,070 --> 00:01:10,080

busy round of activities

25

00:01:14,230 --> 00:01:12,080

kicking things off was a visit to nasa

26  
00:01:15,910 --> 00:01:14,240  
headquarters where the six astronauts

27  
00:01:18,070 --> 00:01:15,920  
recounted their november trip to the

28  
00:01:19,910 --> 00:01:18,080  
international space station aboard space

29  
00:01:21,990 --> 00:01:19,920  
shuttle atlantis

30  
00:01:24,789 --> 00:01:22,000  
in words and video commander charlie

31  
00:01:27,990 --> 00:01:24,799  
hobart pilot butch wilmore mission

32  
00:01:29,429 --> 00:01:28,000  
specialists mike foreman randy bresnick

33  
00:01:32,469 --> 00:01:29,439  
leland melvin

34  
00:01:34,710 --> 00:01:32,479  
and bobby satcher inspired entertained

35  
00:01:36,789 --> 00:01:34,720  
and informed an eager crowd of students

36  
00:01:38,870 --> 00:01:36,799  
headquarters staff and guests with

37  
00:01:41,429 --> 00:01:38,880  
stories of their 11-day mission to the

38  
00:01:44,069 --> 00:01:41,439

complex how many gallons of fuel does it

39

00:01:46,310 --> 00:01:44,079

take to launch the spaceship the

40

00:01:48,630 --> 00:01:46,320

propellant that is flowing into the

41

00:01:50,230 --> 00:01:48,640

three main engines from the on the back

42

00:01:52,230 --> 00:01:50,240

end of the space shuttle

43

00:01:54,310 --> 00:01:52,240

every second is about equal to the size

44

00:01:57,030 --> 00:01:54,320

of a standard swimming pool two of the

45

00:01:59,030 --> 00:01:57,040

mission specialists melvin and satcher

46

00:02:01,190 --> 00:01:59,040

visited with and gave a similar

47

00:02:03,670 --> 00:02:01,200

highlights presentation to students at

48

00:02:05,590 --> 00:02:03,680

howard university's middle school melvin

49

00:02:07,830 --> 00:02:05,600

along with astronauts wilmore foreman

50

00:02:09,669 --> 00:02:07,840

and bresnik was also part of a

51  
00:02:11,589 --> 00:02:09,679  
post-flight presentation event for the

52  
00:02:15,110 --> 00:02:11,599  
public at the national air and space

53  
00:02:17,110 --> 00:02:15,120  
museum's new moving beyond earth exhibit

54  
00:02:20,070 --> 00:02:17,120  
once again wowing a crowd of students

55  
00:02:23,030 --> 00:02:20,080  
visitors employees and invited guests

56  
00:02:24,309 --> 00:02:23,040  
meeting astronauts had to be the coolest

57  
00:02:26,070 --> 00:02:24,319  
thing because i've never met an

58  
00:02:28,150 --> 00:02:26,080  
astronaut and no one i know is a

59  
00:02:30,630 --> 00:02:28,160  
national school i want to become an

60  
00:02:33,830 --> 00:02:30,640  
astronaut because you can go out in

61  
00:02:36,869 --> 00:02:33,840  
space and have fun and you can

62  
00:02:39,670 --> 00:02:36,879  
discover about planets and research

63  
00:02:42,869 --> 00:02:39,680

about them at the same time

64

00:02:43,630 --> 00:02:42,879

and at another venue dc's verizon center

65

00:02:48,150 --> 00:02:43,640

team

66

00:02:50,390 --> 00:02:48,160

battle it out the washington wizards and

67

00:02:52,550 --> 00:02:50,400

the detroit pistons the astronauts

68

00:02:54,869 --> 00:02:52,560

participated in pregame activities

69

00:02:56,470 --> 00:02:54,879

bringing with them an nba jersey flown

70

00:02:58,869 --> 00:02:56,480

on their shuttle flight

71

00:03:00,869 --> 00:02:58,879

the jersey will be returned to the nba

72

00:03:02,710 --> 00:03:00,879

during the all-star game in dallas next

73

00:03:05,270 --> 00:03:02,720

month so one of the things we try to

74

00:03:06,229 --> 00:03:05,280

promote as astronauts is physical

75

00:03:07,910 --> 00:03:06,239

fitness

76

00:03:09,509 --> 00:03:07,920

and obviously

77

00:03:11,509 --> 00:03:09,519

you know there's no better example of

78

00:03:14,149 --> 00:03:11,519

being in shape than what's demonstrated

79

00:03:15,830 --> 00:03:14,159

by these you know players in the nba and

80

00:03:17,110 --> 00:03:15,840

it's a lot of fun taking the jersey and

81

00:03:19,070 --> 00:03:17,120

we're having a lot of fun bringing it

82

00:03:21,589 --> 00:03:19,080

back and presenting it to the team the

83

00:03:23,910 --> 00:03:21,599

sts-129 astronauts aboard shuttle

84

00:03:26,070 --> 00:03:23,920

atlantis delivered parts including a

85

00:03:28,789 --> 00:03:26,080

spare gyroscope to the international

86

00:03:31,270 --> 00:03:28,799

space station

87

00:03:33,670 --> 00:03:31,280

nasa is testing segments of the primary

88

00:03:35,670 --> 00:03:33,680

mirror that'll help the james webb space

89

00:03:38,070 --> 00:03:35,680

telescope seek out star-forming

90

00:03:41,110 --> 00:03:38,080

planetary systems that connect the big

91

00:03:44,229 --> 00:03:41,120

bang with our own milky way galaxy

92

00:03:46,470 --> 00:03:44,239

over a period of five days six of the 18

93

00:03:49,830 --> 00:03:46,480

webb telescope mirror segments will be

94

00:03:52,229 --> 00:03:49,840

chilled to minus 414 degrees fahrenheit

95

00:03:54,630 --> 00:03:52,239

to ensure they can withstand the rigors

96

00:03:56,390 --> 00:03:54,640

of extreme space the tests are being

97

00:03:59,270 --> 00:03:56,400

conducted at the marshall space flight

98

00:04:01,670 --> 00:03:59,280

center's x-ray and cryogenic facility

99

00:04:02,789 --> 00:04:01,680

the world's largest x-ray telescope test

100

00:04:05,550 --> 00:04:02,799

facility

101  
00:04:10,149 --> 00:04:05,560  
designed to work primarily in infrared

102  
00:04:11,990 --> 00:04:10,159  
jwst measures 21.3 feet in diameter and

103  
00:04:14,390 --> 00:04:12,000  
will have a sun shield the size of a

104  
00:04:17,189 --> 00:04:14,400  
tennis court it's scheduled to launch in

105  
00:04:18,870 --> 00:04:17,199  
2014.

106  
00:04:21,110 --> 00:04:18,880  
international space station commander

107  
00:04:23,510 --> 00:04:21,120  
jeff williams is helping correspondent

108  
00:04:25,990 --> 00:04:23,520  
steve hartman with his weekly series of

109  
00:04:29,270 --> 00:04:26,000  
special segments on the cbs evening news

110  
00:04:31,350 --> 00:04:29,280  
called everyone in the world has a story

111  
00:04:33,189 --> 00:04:31,360  
last november when the shuttle atlantis

112  
00:04:34,870 --> 00:04:33,199  
took off from the kennedy space center

113  
00:04:37,189 --> 00:04:34,880

it was not only carrying supplies for

114

00:04:39,909 --> 00:04:37,199

the international space station it was

115

00:04:42,469 --> 00:04:39,919

carrying a special payload for us go

116

00:04:43,430 --> 00:04:42,479

with throttle up a plastic inflatable

117

00:04:46,070 --> 00:04:43,440

globe

118

00:04:48,469 --> 00:04:46,080

williams and the expedition 22 crew were

119

00:04:51,110 --> 00:04:48,479

asked by the network to randomly select

120

00:04:53,110 --> 00:04:51,120

places on a globe for cbs to visit and

121

00:04:54,790 --> 00:04:53,120

show how people there live

122

00:04:57,030 --> 00:04:54,800

williams's selections will introduce

123

00:04:59,430 --> 00:04:57,040

hartman's pieces on three consecutive

124

00:05:02,310 --> 00:04:59,440

mondays the commander's first randomly

125

00:05:04,710 --> 00:05:02,320

selected spot on the globe is rawari

126  
00:05:07,189 --> 00:05:04,720  
india

127  
00:05:09,430 --> 00:05:07,199  
with waters warming up again scores of

128  
00:05:11,270 --> 00:05:09,440  
endangered green and loggerhead sea

129  
00:05:13,510 --> 00:05:11,280  
turtles rescued from the kennedy space

130  
00:05:16,469 --> 00:05:13,520  
center should soon be heading back home

131  
00:05:18,790 --> 00:05:16,479  
to mosquito lagoon or the indian river

132  
00:05:20,870 --> 00:05:18,800  
kennedy employees teamed up with a fish

133  
00:05:22,430 --> 00:05:20,880  
and wildlife conservation commission to

134  
00:05:24,469 --> 00:05:22,440  
rescue the turtles from

135  
00:05:27,029 --> 00:05:24,479  
uncharacteristically cold waters during

136  
00:05:29,110 --> 00:05:27,039  
early january's cold snap the turtles

137  
00:05:30,950 --> 00:05:29,120  
were cold stunned a condition that

138  
00:05:33,270 --> 00:05:30,960

occurs when water temperatures drop

139

00:05:35,510 --> 00:05:33,280

below 60 degrees fahrenheit

140

00:05:38,870 --> 00:05:35,520

uncommon in florida the last time that

141

00:05:41,749 --> 00:05:38,880

happened in the sunshine state was 1989.

142

00:05:43,990 --> 00:05:41,759

over several days more than 270

143

00:05:46,550 --> 00:05:44,000

endangered turtles were identified

144

00:05:48,550 --> 00:05:46,560

verified and shipped to facilities in

145

00:05:50,550 --> 00:05:48,560

warmer environments where they were

146

00:05:51,590 --> 00:05:50,560

cared for while waiting out the extreme

147

00:05:53,430 --> 00:05:51,600

cold

148

00:05:55,830 --> 00:05:53,440

kennedy is home to the merritt island

149

00:05:58,230 --> 00:05:55,840

national wildlife refuge and has

150

00:05:59,590 --> 00:05:58,240

numerous tropical and subtropical

151

00:06:02,230 --> 00:05:59,600

animals

152

00:06:04,670 --> 00:06:02,240

and that's this week at nasa for more on