



1
00:00:00,870 --> 00:00:05,230

“Here’s some of the stories trending This
Week at NASA!”

2
00:00:05,230 --> 00:00:09,330

During an Oct. 5 event at the U.S. Department
of Agriculture’s “People’s Garden”

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00:00:09,330 --> 00:00:15,809

in Washington, NASA Deputy Administrator Dava
Newman and USDA Deputy Secretary Krysta Harden

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00:00:15,809 --> 00:00:20,210

signed an Annex to an interagency agreement
the two signed in June.

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00:00:20,210 --> 00:00:25,360

The Annex encourages collaborative efforts
by the agencies to engage youth in Science,

6
00:00:25,360 --> 00:00:31,090

Technology, Engineering, and Mathematics or
(STEM) activities, including agriculture literacy

7
00:00:31,090 --> 00:00:33,120

and food science.

8
00:00:33,120 --> 00:00:37,580

Following the signing, they and NASA astronaut
Cady Coleman, helped students plant lettuce

9
00:00:37,580 --> 00:00:43,579

seeds, similar to the variety recently harvested
and eaten by the crew aboard the International

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00:00:43,579 --> 00:00:45,620

Space Station.

11
00:00:45,620 --> 00:00:50,410

Four NASA-sponsored CubeSats and a NASA-funded CubeSat, sponsored by the National Reconnaissance

12
00:00:50,410 --> 00:00:55,010
Office (NRO), were among thirteen small satellites launched from California's Vandenberg Air

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00:00:55,010 --> 00:01:00,339
Force Base on Oct. 8, as part of an auxiliary payload aboard the NROL-55 mission.

14
00:01:00,339 --> 00:01:06,680
The NASA-funded device will test how accurately a CubeSat can be pointed during high speed

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00:01:06,680 --> 00:01:08,890
data transfer by laser.

16
00:01:08,890 --> 00:01:13,430
The NASA-sponsored CubeSats will test new small satellite control and communications

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00:01:13,430 --> 00:01:19,580
systems, Earth observations, amateur radio communications and an X-Band radio science

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00:01:19,580 --> 00:01:22,280
transponder.

19
00:01:22,280 --> 00:01:27,240
NASA recently conducted the first series of tests to develop a safe and efficient procedure

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00:01:27,240 --> 00:01:32,940
to get astronauts out of NASA's Orion spacecraft, following splashdown landings in the Pacific

21
00:01:32,940 --> 00:01:34,250
Ocean.

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00:01:34,250 --> 00:01:38,280
During the testing at Johnson Space Center's
Neutral Buoyancy Laboratory (NBL) support

23
00:01:38,280 --> 00:01:42,070
personnel worked through various exit strategies
for the crew.

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00:01:42,070 --> 00:01:46,740
Lessons learned from the exercises will also
help evaluate the layout of equipment inside

25
00:01:46,740 --> 00:01:51,720
the spacecraft that could affect the recovery
process.

26
00:01:51,720 --> 00:01:56,130
Just as pioneers had to do when setting out
for the New World, NASA is trying to figure

27
00:01:56,130 --> 00:02:00,760
out how astronauts can live off the land as
part of the journey to Mars.

28
00:02:00,760 --> 00:02:05,120
The goal is to use resources from the planet
instead of having to bring everything with

29
00:02:05,120 --> 00:02:06,120
them.

30
00:02:06,120 --> 00:02:11,800
NASA kicked off the In Situ Resource Utilization
Challenge Oct. 7 – asking the public for

31
00:02:11,800 --> 00:02:17,730
ideas on how surface-based materials, such
as regolith or crushed basalt, could be used

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00:02:17,730 --> 00:02:19,780

for off-Earth construction.

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00:02:19,780 --> 00:02:24,220

The challenge is open until Dec. 3 and can be found at www.nasa.gov/solve.

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00:02:24,220 --> 00:02:33,629

NASA is unveiling a new opportunity for start-up companies to license patented NASA technology

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00:02:33,629 --> 00:02:35,810

with no up-front payment.

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00:02:35,810 --> 00:02:41,200

The Startup NASA Initiative aims to encourage the growth of high-tech businesses and advance

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00:02:41,200 --> 00:02:46,819

American innovation by addressing two common obstacles start-ups face: raising capital

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00:02:46,819 --> 00:02:51,180

and securing intellectual property rights.

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00:02:51,180 --> 00:02:55,639

Six individuals and a group of researchers recently were inducted into the newly established

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00:02:55,639 --> 00:02:59,680

Hall of Fame at NASA's Glenn Research Center in Cleveland, Ohio.

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00:02:59,680 --> 00:03:04,620

The ceremony featured remarks from Center Director Jim Free and NASA's Chief Historian,

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00:03:04,620 --> 00:03:05,790

Bill Barry.

43
00:03:05,790 --> 00:03:10,200
The inductees included three directors, a
computer programmer, four researchers and

44
00:03:10,200 --> 00:03:14,200
the designer of NASA's insignia.

45
00:03:14,200 --> 00:03:16,969
October is National Cybersecurity Awareness
Month.

46
00:03:16,969 --> 00:03:21,749
Employees across the agency are encouraged
to remember the importance of online security

47
00:03:21,749 --> 00:03:25,270
in protecting NASA and personal assets.

48
00:03:25,270 --> 00:03:28,860
Please STOP and THINK before you CONNECT to
go online.

49
00:03:28,860 --> 00:03:32,639
And that's what's up this week @NASA ...