



1  
00:00:26,069 --> 00:00:23,429  
innovation is something new something

2  
00:00:28,080 --> 00:00:26,079  
that changes the world typically when

3  
00:00:30,240 --> 00:00:28,090  
when the thing about innovation you're

4  
00:00:34,020 --> 00:00:30,250  
thinking about a better way of solving a

5  
00:00:36,660 --> 00:00:34,030  
problem Edison said the genius is

6  
00:00:38,970 --> 00:00:36,670  
ninety-nine percent perspiration and one

7  
00:00:40,619 --> 00:00:38,980  
percent inspiration well when it comes

8  
00:00:44,099 --> 00:00:40,629  
to innovation there's one part missing

9  
00:00:45,599 --> 00:00:44,109  
from that quote perseverance I think one

10  
00:00:47,880 --> 00:00:45,609  
of the perfect examples of innovation

11  
00:00:50,340 --> 00:00:47,890  
here at Goddard is the work that was

12  
00:00:53,279 --> 00:00:50,350  
done by wanda peers the Lotus based

13  
00:00:55,200 --> 00:00:53,289

coatings that type of technology where

14

00:00:58,020 --> 00:00:55,210

this particular coating doesn't allow

15

00:00:59,430 --> 00:00:58,030

particles or dust to affect the surface

16

00:01:01,229 --> 00:00:59,440

at all if we think about it we're

17

00:01:03,239 --> 00:01:01,239

talking about missions to Mars or lunar

18

00:01:04,710 --> 00:01:03,249

missions it's providing that extra layer

19

00:01:06,930 --> 00:01:04,720

of protection for satellites and our

20

00:01:08,460 --> 00:01:06,940

instruments and our Rovers as well at

21

00:01:11,460 --> 00:01:08,470

the same time we can use that technology

22

00:01:14,160 --> 00:01:11,470

here on earth if you have some sort of

23

00:01:17,639 --> 00:01:14,170

device in the desert where susceptible

24

00:01:19,170 --> 00:01:17,649

to dust storms or things like that this

25

00:01:22,590 --> 00:01:19,180

particular coating is going to protect

26

00:01:25,600 --> 00:01:22,600

that that instrument NASA is a

27

00:01:28,810 --> 00:01:25,610

powerhouse of innovators

28

00:01:31,600 --> 00:01:28,820

it provides the tools the innovators

29

00:01:33,960 --> 00:01:31,610

need to make the innovations actually

30

00:01:37,330 --> 00:01:33,970

happen they're giving you the

31

00:01:40,240 --> 00:01:37,340

opportunity to really utilize new

32

00:01:43,390 --> 00:01:40,250

technology new science and also allowing

33

00:01:45,730 --> 00:01:43,400

you to describe your ideas for new

34

00:01:49,870 --> 00:01:45,740

science and technology NASA will