

***STAR TREK***

1  
00:00:10,740 --> 00:00:16,460  
NASA works by science.

2  
00:00:16,460 --> 00:00:27,970  
O-rings, better work, amount of energy, the  
thrust to lift and free ourselves from gravity,

3  
00:00:27,970 --> 00:00:34,340  
the mathematics involved in studying an arc  
there because we want to land over there,

4  
00:00:34,340 --> 00:00:36,470  
all that's mathematical.

5  
00:00:36,470 --> 00:00:40,330  
But, science fiction is totally imaginative.

6  
00:00:40,330 --> 00:00:42,660  
It's the exact opposite.

7  
00:00:42,660 --> 00:00:49,089  
What happens if light that is bent and you  
could go through the center and make it quick?

8  
00:00:49,089 --> 00:00:59,659  
There--all these imaginative exercises in  
science fiction is merely food for the imagination

9  
00:00:59,659 --> 00:01:07,020  
of scientists who are actually working with  
technology that is.

10  
00:01:07,020 --> 00:01:10,880  
Imagine sending a vehicle to take a photograph  
of Pluto.

11  
00:01:10,880 --> 00:01:13,270  
It'll come around and take around.

12

00:01:13,270 --> 00:01:16,310

It'll move around and keep going.

13

00:01:16,310 --> 00:01:17,729

You can't do that on a motorcycle.

14

00:01:17,729 --> 00:01:20,880

I mean, you know, you set your course on a motorcycle.

15

00:01:20,880 --> 00:01:24,810

If you don't hit your line, you're going to fall.

16

00:01:24,810 --> 00:01:27,299

Well, take it around there.

17

00:01:27,299 --> 00:01:36,590

It's phenomenal what NASA is doing with science that is, when you look at it, is the equal

18

00:01:36,590 --> 00:01:37,799

of science fiction.

19

00:01:37,799 --> 00:01:43,090

How are you going to make a parachute that's going to stop a vehicle?

20

00:01:43,090 --> 00:01:45,159

It pops out and it's going to stop it.

21

00:01:45,159 --> 00:01:46,159

It's not a miracle.

22

00:01:46,159 --> 00:01:47,670

How much line do you need?

23

00:01:47,670 --> 00:01:49,100

What's your material going to be?

24  
00:01:49,100 --> 00:01:53,889  
How do you slow it down before the--and then  
you got send a signal, and is it seven or

25  
00:01:53,889 --> 00:01:55,470  
nine minutes later?

26  
00:01:55,470 --> 00:01:59,729  
The signal--I mean it's science fiction.

27  
00:01:59,729 --> 00:02:06,659  
Shadows that cross in front of a star that  
suggest there's a planet, and it's a big enough

28  
00:02:06,659 --> 00:02:10,179  
planet to be the size of the M-1--of the Earth.

29  
00:02:10,179 --> 00:02:18,510  
Is it possible that life exists on that planet  
that's only a shadow in a telescope?

30  
00:02:18,510 --> 00:02:24,500  
Those are the imaginative things that NASA  
are looking at that's every bit as passionately

31  
00:02:24,500 --> 00:02:28,440  
imaginative as science fiction.