

MARS

TECH



1

00:00:00,640 --> 00:00:06,080

NASA is sending humans to Mars as early as the 2030s

2

00:00:06,080 --> 00:00:09,160

Technology will make the mission possible

3

00:00:10,900 --> 00:00:14,700

Here are six things we are working on now

4

00:00:15,580 --> 00:00:19,560

1. Advanced propulsion systems

5

00:00:20,640 --> 00:00:26,120

To safely send astronauts on a two-year journey to Mars and back

6

00:00:26,640 --> 00:00:30,440

2. Inflatable landing gear

7

00:00:32,080 --> 00:00:37,960

To deliver heavier spacecraft than ever before

8

00:00:38,360 --> 00:00:42,440

3. High-tech spacesuits

9

00:00:43,880 --> 00:00:48,600

That are highly adaptable

10

00:00:49,760 --> 00:00:53,600

And have enhanced mobility

11

00:00:54,200 --> 00:00:57,840

4. A home and lab on wheels

12

00:00:59,720 --> 00:01:04,000

To travel around Mars and conduct experiments

13

00:01:05,240 --> 00:01:09,120

And live and work on another world

14

00:01:09,520 --> 00:01:13,280

5. Surface power systems

15

00:01:15,000 --> 00:01:19,480

That operate regardless of location or weather

16

00:01:20,080 --> 00:01:23,840

6. Laser communications

17

00:01:25,800 --> 00:01:29,520

To stay in touch with Earth

18

00:01:30,680 --> 00:01:35,240

And send more data at a time