



1
00:00:13,410 --> 00:00:10,500
the universe is full of life Mars X

2
00:00:16,320 --> 00:00:13,420
house is autonomously constructed using

3
00:00:18,210 --> 00:00:16,330
indigenous Martian materials to form a

4
00:00:36,920 --> 00:00:18,220
pioneering and durable habitat

5
00:00:43,650 --> 00:00:40,280
search+ short for space exploration

6
00:00:45,000 --> 00:00:43,660
architecture as designed ex-house to

7
00:00:48,420 --> 00:00:45,010
take advantage of the unique

8
00:00:51,030 --> 00:00:48,430
capabilities of 3d printing to provide

9
00:00:53,700 --> 00:00:51,040
maximum radiation protection from

10
00:00:56,729 --> 00:00:53,710
galactic cosmic rays while celebrating

11
00:00:59,010 --> 00:00:56,739
human life through vital connections to

12
00:01:04,369 --> 00:00:59,020
natural light and the Martian landscape

13
00:02:30,410 --> 00:01:13,180

[Music]

14

00:02:32,240 --> 00:02:30,420

partnering with APIs core an industry

15

00:02:34,759 --> 00:02:32,250

leader for their pioneering building

16

00:02:37,220 --> 00:02:34,769

techniques on earth the team is working

17

00:02:39,399 --> 00:02:37,230

collaboratively to adapt unique

18

00:02:42,380 --> 00:02:39,409

innovations in additive manufacturing

19

00:02:45,380 --> 00:02:42,390

for the autonomous deployment of human

20

00:02:49,000 --> 00:02:45,390

habitats on Mars prior to a crews

21

00:03:37,630 --> 00:02:58,760

[Music]

22

00:03:42,100 --> 00:03:37,640

Mars X house realizes the next steps of

23

00:03:45,190 --> 00:03:42,110

habitat design with high s ru indigenous

24

00:03:48,039 --> 00:03:45,200

materials and introduces an innovative

25

00:03:51,099 --> 00:03:48,049

approach to exceed current standards for

26

00:03:54,069 --> 00:03:51,109

radiation protection enabling the human

27

00:04:00,350 --> 00:03:54,079

residents not only to live but to thrive