



10:00

1  
00:00:00,000 --> 00:00:03,269  
[Playful music] Text onscreen:  
We gave NASA engineers 10 minutes  
and a bin of magnetic building tiles ...

2  
00:00:03,269 --> 00:00:05,038  
Offscreen:  
Five, four, three, two, one.

3  
00:00:05,038 --> 00:00:06,006  
[page turning sound]

4  
00:00:06,006 --> 00:00:10,777  
Coleman: All right, let's build a thing.

5  
00:00:10,777 --> 00:00:13,780  
And my kids have these at home,  
and I do my best

6  
00:00:14,814 --> 00:00:19,085  
to ignore them  
because I would end up just building up

7  
00:00:19,085 --> 00:00:22,989  
a jillion of the same thing  
over and over again.

8  
00:00:28,428 --> 00:00:32,098  
I get it built quick. [offscreen  
laughter] Offscreen: So we're good?

9  
00:00:32,098 --> 00:00:33,833  
Coleman: We're good. Offscreen: All right.

10  
00:00:34,067 --> 00:00:37,904  
Coleman: We're going to call it  
a representation of the Atlas 5 rocket

11  
00:00:37,904 --> 00:00:40,940

that JPSS-2 is going to launch on,  
which is definitely not

12

00:00:40,940 --> 00:00:43,009  
going to the moon.

13

00:00:45,845 --> 00:00:47,881  
Harrigan: We're done.

14

00:00:47,881 --> 00:00:50,116  
Offscreen: We're done. All right.

15

00:00:50,350 --> 00:00:52,652  
Well, done!

16

00:00:54,421 --> 00:00:55,155  
Ciampa: Okay.

17

00:00:55,155 --> 00:00:57,891  
I am the M.O.S.T.

18

00:00:57,891 --> 00:00:59,726  
mascot, the Arctic fox.

19

00:01:00,060 --> 00:01:01,828  
And I'm going to do a

20

00:01:01,828 --> 00:01:05,331  
foxy space colony today.

21

00:01:10,236 --> 00:01:11,337  
Done!

22

00:01:12,705 --> 00:01:15,542  
This colony houses our mascot

23

00:01:16,009 --> 00:01:18,545  
and all of our mascot's buddies,

which are the Arctic Foxes.

24

00:01:18,545 --> 00:01:22,849

This is the rocket  
that gets them into their space colony.

25

00:01:23,083 --> 00:01:24,784

Let's say it's on Mars

26

00:01:24,784 --> 00:01:29,022

and they can go up and down the rocket  
to get their supplies.

27

00:01:31,925 --> 00:01:34,394

Offscreen: Done. [applause]

28

00:01:34,394 --> 00:01:37,530

All right,

29

00:01:37,530 --> 00:01:42,735

great.

30

00:01:44,671 --> 00:01:47,607

Birrittella: We'll call it --

31

00:01:47,607 --> 00:01:48,675

scene.

32

00:01:48,675 --> 00:01:49,909

Offscreen: We love it.

33

00:01:49,909 --> 00:01:51,711

What are we calling this structure?

34

00:01:51,711 --> 00:01:53,847

Birrittella: The Pyramid of Giza. Yeah.

35

00:01:53,847 --> 00:01:55,315

I don't know if you've heard of it. [laughs]

36

00:01:55,315 --> 00:01:56,082

[laughs] Ruffa:

37

00:01:56,082 --> 00:02:00,320

But I will start off by saying that  
when I told my wife I was doing this,

38

00:02:00,720 --> 00:02:04,491

she kind of scoffed at me  
and said, 'Bring the two year old.

39

00:02:04,491 --> 00:02:06,960

She's better at this than you.'

40

00:02:06,960 --> 00:02:08,328

[offscreen laughter]

41

00:02:13,633 --> 00:02:16,970

Offscreen:

Yeah, that's what we're going for here.

42

00:02:16,970 --> 00:02:22,709

Ruffa: This is a mobile data  
collection lab you would mount here

43

00:02:22,709 --> 00:02:26,613

and then hold some sort of analysis  
chamber in here,

44

00:02:26,613 --> 00:02:30,049

and then you would mount an antenna  
so you could stream the data back to

45

00:02:30,450 --> 00:02:33,419

hopefully our planet  
when it's it's done its research.

46

00:02:33,920 --> 00:02:37,757

And this is what a NASA engineer can build.

47

00:02:37,757 --> 00:02:42,061

Text on screen: That's what NASA engineers built in 10 minutes.

Here's what they built in 10 years ...

48

00:02:43,496 --> 00:02:49,969

Joint Polar Satellite System-2.

49

00:02:49,969 --> 00:02:56,543

NOAA's JPSS-2 satellite will monitor extreme weather and climate change and support our daily weather forecast.