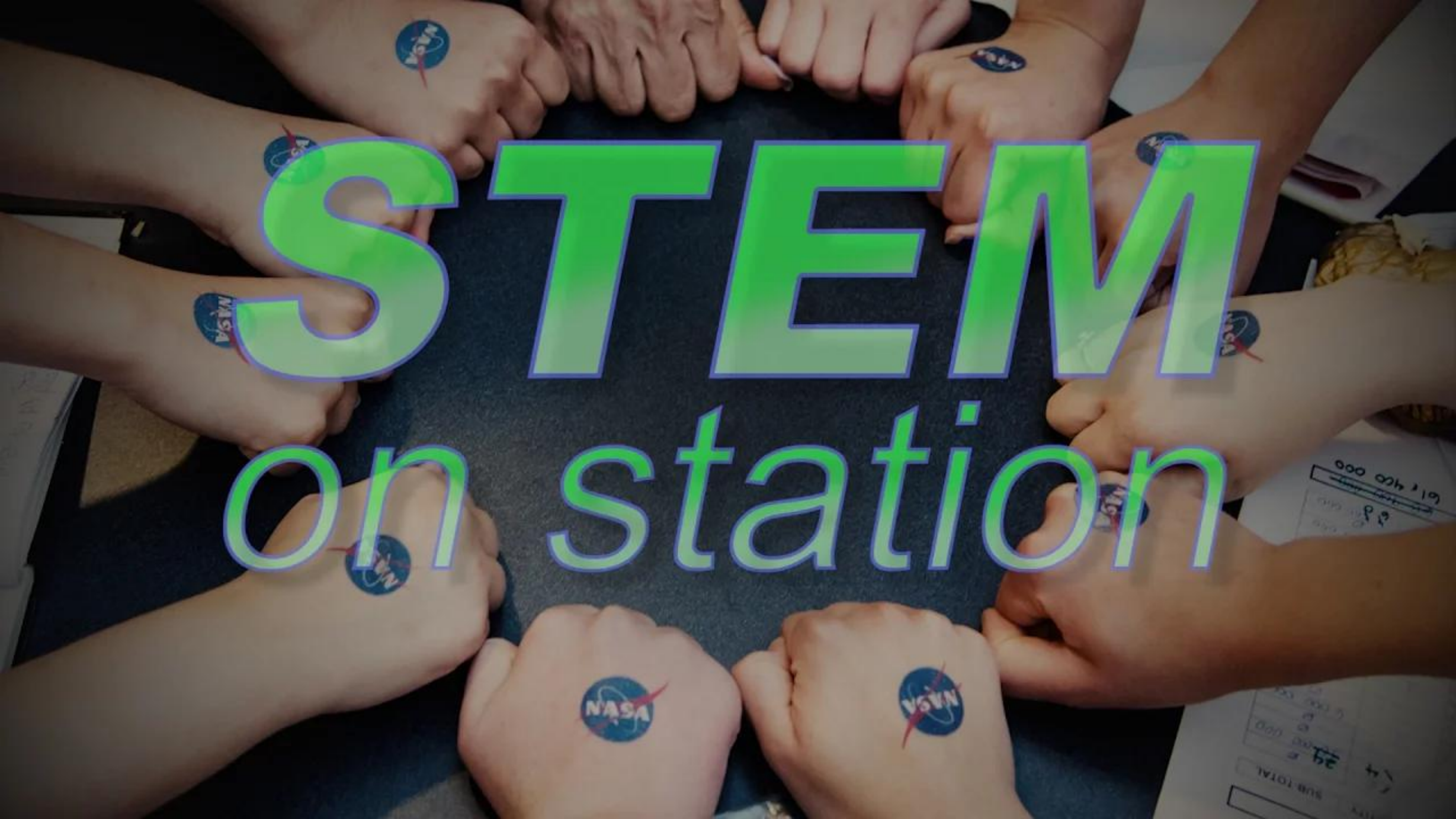
STEM
on station

1
00:00:01,670 --> 00:00:00,470
[Music]

2
00:00:03,189 --> 00:00:01,680
everything we're doing is trying to

3
00:00:05,110 --> 00:00:03,199
inspire the next generation of space

4
00:00:06,950 --> 00:00:05,120
flight explorers

5
00:00:08,230 --> 00:00:06,960
i think they they're starting to realize

6
00:00:09,830 --> 00:00:08,240
that they're the generation that's going

7
00:00:11,030 --> 00:00:09,840
to make the next giant leap that we're

8
00:00:12,709 --> 00:00:11,040
going to go to mars and they're going to

9
00:00:14,150 --> 00:00:12,719
get to be a part of it

10
00:00:15,589 --> 00:00:14,160
what we're looking to do is really bring

11
00:00:17,510 --> 00:00:15,599
subject matter experts into the

12
00:00:19,349 --> 00:00:17,520
classroom for the students and educators

13
00:00:21,670 --> 00:00:19,359

so again it's so important to hear from

14
00:00:24,070 --> 00:00:21,680
the experts first hand and get almost

15
00:00:26,470 --> 00:00:24,080
like that mentorship from them

16
00:00:28,070 --> 00:00:26,480
stem on station is kind of a collective

17
00:00:29,750 --> 00:00:28,080
of all the resources and opportunities

18
00:00:31,029 --> 00:00:29,760
available for students and educators

19
00:00:32,790 --> 00:00:31,039
related to the international space

20
00:00:34,069 --> 00:00:32,800
station

21
00:00:35,590 --> 00:00:34,079
we do some things called in-flight

22
00:00:36,870 --> 00:00:35,600
education downlinks where students on

23
00:00:37,990 --> 00:00:36,880
the ground get to talk to astronauts

24
00:00:39,990 --> 00:00:38,000
living and working onboard the

25
00:00:41,590 --> 00:00:40,000
international space station

26
00:00:43,430 --> 00:00:41,600
it's a 20-minute question and answer

27
00:00:45,190 --> 00:00:43,440
conversation and so they're learning

28
00:00:47,750 --> 00:00:45,200
firsthand from the astronauts what it's

29
00:00:49,990 --> 00:00:47,760
like to live in work in space

30
00:00:51,830 --> 00:00:50,000
we do some stem-based design challenges

31
00:00:53,990 --> 00:00:51,840
so we wrapped up something very recently

32
00:00:55,430 --> 00:00:54,000
called mission imagination

33
00:00:56,709 --> 00:00:55,440
there it challenges students to take a

34
00:00:58,550 --> 00:00:56,719
look at how the international space

35
00:01:00,389 --> 00:00:58,560
station is helping us get to mars

36
00:01:01,830 --> 00:01:00,399
[Music]

37
00:01:03,510 --> 00:01:01,840
so looking at systems on the space

38
00:01:04,950 --> 00:01:03,520

station how they currently work and how

39
00:01:07,910 --> 00:01:04,960
we're going to have to change them just

40
00:01:09,510 --> 00:01:07,920
a little bit to help us get to mars

41
00:01:10,950 --> 00:01:09,520
and we have another program that's going

42
00:01:12,390 --> 00:01:10,960
to take a look at the expeditionary

43
00:01:15,109 --> 00:01:12,400
skills that the astronauts need and

44
00:01:16,230 --> 00:01:15,119
these are skills like communication

45
00:01:17,510 --> 00:01:16,240
teamwork

46
00:01:19,190 --> 00:01:17,520
self-care

47
00:01:20,870 --> 00:01:19,200
that really helps them be successful in

48
00:01:22,310 --> 00:01:20,880
their stem careers

49
00:01:26,070 --> 00:01:22,320
we're working off the earth for the