
COMMUNICATING DART:
NASA'S MISSION TO
CRASH
INTO AN
ASTEROID

1
00:00:00,320 --> 00:00:06,320
Spacecraft. Impact. Asteroid. What? You think\h
science fiction but this is real. I'm Justyna\h\h

2
00:00:06,320 --> 00:00:11,040
Surowiec and i help tell the story of the\h
DART mission. DART is the Double Asteroid\h\h

3
00:00:11,040 --> 00:00:18,160
Redirection Test. It is NASA's first planetary\h
defense test mission. We're sending a spacecraft\h\h

4
00:00:18,160 --> 00:00:23,440
to a double asteroid system. We're going to\h
hit the smaller asteroid with that spacecraft\h\h

5
00:00:23,440 --> 00:00:30,160
and see if we can nudge that asteroid in space.\h
Hitting the asteroid is going to prove out whether\h\h

6
00:00:30,160 --> 00:00:35,520
this technique is something that we could rely on\h
were there ever to be a hazard facing the planet.\h\h

7
00:00:35,520 --> 00:00:40,720
I'm a public affairs officer at the Johns\h
Hopkins Applied Physics Laboratory. What I do\h\h

8
00:00:40,720 --> 00:00:46,560
is tell the story of this very exciting mission\h
through press releases, through videos, through\h\h

9
00:00:46,560 --> 00:00:51,840
all sorts of different communications avenues.\h
As a kid I was always drawn to creative fields.\h\h

10
00:00:51,840 --> 00:00:57,440
At some point i got lost in stories and it just\h
became very easy to talk about these fantastic\h\h

11
00:00:57,440 --> 00:01:02,400
missions. It's something that impacts humanity\h
so it's very important to make sure that people\h\h

12
00:01:02,400 --> 00:01:08,400
understand. The DART mission is first and foremost\hthe first experiment of its kind. There is no\h\h

13
00:01:08,400 --> 00:01:13,040
immediate threat to Earth. We want to make sure\h
that we can go out there and prepare and be ready.\h\h

14
00:01:13,040 --> 00:01:18,560
It"s very easy to kind of think "Armageddon"\h
or "Deep Impact." So what we do is try to get\h\h

15
00:01:18,560 --> 00:01:24,160
the facts out and to make sure that people are\h
getting accurate information versus just hearing\h\h

16
00:01:24,160 --> 00:01:29,760
sensational headlines. So as you can see behind me\hthis is actually the DART spacecraft right here.\h\h

17
00:01:29,760 --> 00:01:36,480
The solar arrays will actually roll out to 28 feet\h
in length. It's amazing to be able to talk about\h\h

18
00:01:36,480 --> 00:01:41,520
it and share it with others. It's very cool just\h
seeing how the spacecraft takes shape and how our\h\h

19
00:01:41,520 --> 00:01:46,000
storytelling takes shape as well. "This is so\h
exciting, this is so cool. Have you heard about\h\h

20
00:01:46,000 --> 00:01:50,160
this mission? We're going to an asteroid. Oh and\h
we're going to hit it." It's just like the basis\h\h