



**FIRST IMAGES FROM  
THE JAMES WEBB SPACE TELESCOPE**

1  
00:00:00,565 --> 00:00:03,315  
(majestic music)

2  
00:00:15,573 --> 00:00:19,823  
(audience cheering and applauding)

3  
00:00:26,340 --> 00:00:31,340  
- Every image is a new discovery  
and each will give humanity

4  
00:00:31,470 --> 00:00:35,190  
a view of the universe that  
we've never seen before.

5  
00:00:35,190 --> 00:00:36,690  
- This image, as we're looking at it,

6  
00:00:36,690 --> 00:00:38,670  
what we're seeing is not  
just all the galaxies,

7  
00:00:38,670 --> 00:00:40,470  
but there's a cluster here.

8  
00:00:40,470 --> 00:00:43,350  
And you know, it's really,  
there's so much detail here.

9  
00:00:43,350 --> 00:00:45,450  
We're seeing these galaxies in a way

10  
00:00:45,450 --> 00:00:48,150  
that we've never been able to see before.

11  
00:00:48,150 --> 00:00:49,782  
- These images are gonna remind the world

12  
00:00:49,782 --> 00:00:53,580

that America can do big things

13

00:00:53,580 --> 00:00:54,990

and then remind the American people,

14

00:00:54,990 --> 00:00:57,570

especially our children,  
that there's nothing

15

00:00:57,570 --> 00:01:00,540

beyond our capacity,  
nothing beyond our capacity.

16

00:01:00,540 --> 00:01:03,480

- Today represents an exciting new chapter

17

00:01:03,480 --> 00:01:06,210

in the exploration of our universe.

18

00:01:06,210 --> 00:01:08,280

This telescope is one

19

00:01:08,280 --> 00:01:12,480

of humanity's great  
engineering achievements.

20

00:01:12,480 --> 00:01:15,360

- This stunning vista of the cosmic cliffs

21

00:01:15,360 --> 00:01:18,420

of the Carina Nebula reveals new details

22

00:01:18,420 --> 00:01:20,580

about this vast stellar nursery.

23

00:01:20,580 --> 00:01:22,950

First of all, of hundreds of new stars

24

00:01:22,950 --> 00:01:24,750  
that we've never seen before.

25

00:01:24,750 --> 00:01:28,890  
We see examples of bubbles  
and cavities and jets

26

00:01:28,890 --> 00:01:31,713  
that are being blown out  
by these newborn stars.

27

00:01:34,758 --> 00:01:37,710  
(majestic music continues)

28

00:01:37,710 --> 00:01:39,690  
- You see lots of  
individual stars in there,

29

00:01:39,690 --> 00:01:42,780  
actually, resolved as point  
sources, which is remarkable.

30

00:01:42,780 --> 00:01:46,017  
And then as we pan across,  
we actually see the galaxies

31

00:01:46,017 --> 00:01:47,820  
and the emerging galaxies.

32

00:01:47,820 --> 00:01:50,910  
We now see gas and dust,  
which is being heated up

33

00:01:50,910 --> 00:01:53,313  
in the collision between those galaxies.

34

00:01:56,433 --> 00:01:59,760  
(majestic music continues)

35

00:01:59,760 --> 00:02:01,980

- What you're seeing here  
is the telltale signature,

36

00:02:01,980 --> 00:02:05,250

the chemical fingerprint of  
water vapor in these atmosphere.

37

00:02:05,250 --> 00:02:07,849

There's evidence of  
clouds and hazes because