



Galaxy Collision Creates
"SPACE TRIANGLE"

1
00:00:04,390 --> 00:00:02,629
this interacting galaxy duo called

2
00:00:07,269 --> 00:00:04,400
arp143

3
00:00:11,910 --> 00:00:07,279
holds the distorted star-forming spiral

4
00:00:16,470 --> 00:00:11,920
galaxy ngc 2445 at the right along with

5
00:00:17,990 --> 00:00:16,480
its less flashy companion ngc 2444 at

6
00:00:20,710 --> 00:00:18,000
the left

7
00:00:23,269 --> 00:00:20,720
astronomers think both galaxies pass

8
00:00:26,870 --> 00:00:23,279
through each other igniting the unique

9
00:00:31,349 --> 00:00:26,880
triangular shaped firestorm of starburst

10
00:00:33,990 --> 00:00:31,359
because ngc 2445 is rich in gas the fuel

11
00:00:36,709 --> 00:00:34,000
of star formation it holds thousands of

12
00:00:39,510 --> 00:00:36,719
infant stars yet it hasn't escaped the

13
00:00:42,470 --> 00:00:39,520

gravitational clutches of its partner

14

00:00:43,630 --> 00:00:42,480

the pair is waging a cosmic tug-of-war

15

00:00:47,110 --> 00:00:43,640

an

16

00:00:49,270 --> 00:00:47,120

2444 appears to be winning the galaxy

17

00:00:51,590 --> 00:00:49,280

has pulled gas from its companion

18

00:00:53,430 --> 00:00:51,600

forming the oddball triangle of newly

19

00:00:55,750 --> 00:00:53,440

minted stars

20

00:00:57,990 --> 00:00:55,760

by studying head-on galaxy collisions

21

00:01:00,790 --> 00:00:58,000

like this we can better understand the