



Expand the Frontiers of Knowledge

1
00:00:03,470 --> 00:00:10,470

Space, humankind's frontier;

2
00:00:14,240 --> 00:00:16,220

These are the voyages of NASA's

3
00:00:16,230 --> 00:00:19,779

Launch Services Program,
whose ongoing mission is

4
00:00:19,779 --> 00:00:23,519

to seek out new science,
to explore the cosmos,

5
00:00:23,519 --> 00:00:27,539

to boldly go where no one has gone before!

6
00:00:33,380 --> 00:00:40,280

Neptune, a brilliant blue gas giant,
is the farthest planet from the Sun.

7
00:00:41,360 --> 00:00:45,410

Neptune has the strongest winds in the Solar
System

8
00:00:45,410 --> 00:00:47,830

at over 1,200 miles per hour.

9
00:00:53,700 --> 00:00:59,620

Uranus, a planetary oddball,
rotates on its side as it revolves around

10
00:00:59,620 --> 00:01:00,920

the Sun.

11
00:01:03,900 --> 00:01:14,460

Saturn, whose beautiful rings fascinate poets and scientists alike,
has sixty-two moons.

12

00:01:24,920 --> 00:01:28,880

Jupiter,
the largest planet,

13

00:01:28,880 --> 00:01:34,920

home to the Great Red Spot,
an unending hurricane three times the size

14

00:01:34,920 --> 00:01:35,860

of the Earth.

15

00:01:37,640 --> 00:01:43,160

Mars, the 'Red Planet',
someday soon the first explorers

16

00:01:43,170 --> 00:01:46,630

will walk on its rusty volcanoes and valleys.

17

00:01:48,400 --> 00:01:53,100

Earth, our home,
the fertile shore

18

00:01:53,110 --> 00:01:58,110

where humanity's passion for discovery
began long ago.

19

00:02:01,480 --> 00:02:08,620

Venus known as the 'Morning Star',
is covered in clouds of sulfuric acid.

20

00:02:09,180 --> 00:02:13,760

With atmospheric temperatures exceeding 870°
F,

21

00:02:15,180 --> 00:02:18,680

Venus is the hottest planet in the Solar System.

22

00:02:20,340 --> 00:02:27,760

Mercury, is the closest planet to the Sun.

Its surface temperature varies more than 1000°.

23

00:02:30,780 --> 00:02:34,760

The Sun,
the fiery heart of our Solar System.

24

00:02:39,980 --> 00:02:45,320

This is our Solar System,
a fascinating mystery,