


MAPLE - U.S.A

A white school bus is shown from a side profile. The bus has a yellow lightning bolt graphic painted on its side, pointing towards the front. Below the lightning bolt, the text "MAPLE - U.S.A" is written in black capital letters. The bus has several windows, including two circular windows. The background is a plain, light-colored surface.

1
00:00:13,990 --> 00:00:11,589
einstein said that imagination is more

2
00:00:16,470 --> 00:00:14,000
important than knowledge

3
00:00:18,630 --> 00:00:16,480
imagination lets us journey to locations

4
00:00:21,109 --> 00:00:18,640
that we might otherwise never have the

5
00:00:23,429 --> 00:00:21,119
opportunity to visit

6
00:00:25,189 --> 00:00:23,439
imagination allows us to touch the

7
00:00:28,470 --> 00:00:25,199
future

8
00:00:30,790 --> 00:00:28,480
using imagination as well as simulation

9
00:00:33,110 --> 00:00:30,800
enables students in this case to take a

10
00:00:34,950 --> 00:00:33,120
space shuttle flight into space aboard a

11
00:00:37,350 --> 00:00:34,960
school bus

12
00:00:39,510 --> 00:00:37,360
their mission requires a rendezvous and

13
00:00:41,670 --> 00:00:39,520

a flight to another school while doing

14

00:00:43,350 --> 00:00:41,680

experiments and other activities along

15

00:00:44,869 --> 00:00:43,360

the way

16

00:00:48,150 --> 00:00:44,879

during the next few minutes you will be

17

00:00:50,310 --> 00:00:48,160

viewing scenes taken during the 1987

18

00:00:52,310 --> 00:00:50,320

simulated shuttle mission with a

19

00:00:54,549 --> 00:00:52,320

rendezvous at the nasa lewis research

20

00:00:56,310 --> 00:00:54,559

center and a landing back at the home

21

00:00:58,389 --> 00:00:56,320

school

22

00:01:00,549 --> 00:00:58,399

this activity required the support of

23

00:01:01,990 --> 00:01:00,559

the nasa lewis research center the

24

00:01:04,469 --> 00:01:02,000

private sector

25

00:01:05,910 --> 00:01:04,479

educators students parents and the

26

00:01:08,789 --> 00:01:05,920

community

27

00:01:11,030 --> 00:01:08,799

a great partnership to launch a dream a

28

00:01:13,429 --> 00:01:11,040

typical simulated space shuttle mission

29

00:01:15,109 --> 00:01:13,439

is divided into three parts

30

00:01:18,070 --> 00:01:15,119

there is the pre-flight

31

00:01:19,510 --> 00:01:18,080

flight and post-flight activities

32

00:01:21,910 --> 00:01:19,520

the completion of each of these

33

00:01:24,950 --> 00:01:21,920

activities calls upon creative use of

34

00:01:26,870 --> 00:01:24,960

materials and personnel

35

00:01:29,749 --> 00:01:26,880

during the pre-flight the bus is

36

00:01:32,149 --> 00:01:29,759

transformed into a space shuttle

37

00:01:34,789 --> 00:01:32,159

at the same time the student astronauts

38

00:01:36,630 --> 00:01:34,799

are selected and trained

39

00:01:39,510 --> 00:01:36,640

all of the students in each school are

40

00:01:42,149 --> 00:01:39,520

involved in some aspect of the flight

41

00:01:44,149 --> 00:01:42,159

whether it be designing the patch

42

00:01:46,310 --> 00:01:44,159

creating the spacesuit

43

00:01:48,149 --> 00:01:46,320

preparing the meals

44

00:01:49,429 --> 00:01:48,159

developing the payloads and flight

45

00:01:51,990 --> 00:01:49,439

experiments

46

00:01:54,310 --> 00:01:52,000

loading the shuttle or any other of the

47

00:01:56,550 --> 00:01:54,320

myriad of tasks required to ready the

48

00:02:00,709 --> 00:01:56,560

shuttle for flight

49

00:02:03,109 --> 00:02:00,719

the moment arrives it's time for liftoff

50

00:02:05,190 --> 00:02:03,119

with the orbit achieved it's now time to

51
00:02:06,630 --> 00:02:05,200
complete all of the tasks call for in

52
00:02:08,710 --> 00:02:06,640
the flight plan

53
00:02:10,550 --> 00:02:08,720
including a rendezvous by all of the

54
00:02:12,550 --> 00:02:10,560
shuttles at the nasa lewis research

55
00:02:14,309 --> 00:02:12,560
center

56
00:02:17,190 --> 00:02:14,319
the successful flights end with a

57
00:02:18,949 --> 00:02:17,200
touchdown back at the home school

58
00:02:21,990 --> 00:02:18,959
now there are debriefings and

59
00:02:23,830 --> 00:02:22,000
recognition programs for a job well done

60
00:02:25,910 --> 00:02:23,840
and a post flight celebration at

61
00:06:48,710 --> 00:02:25,920
cleveland state university in the

62
00:06:48,720 --> 00:07:14,070
bye

63
00:07:14,080 --> 00:07:29,270

oh would you like

64

00:07:34,790 --> 00:07:31,189

mission controller from victory to

65

00:07:39,189 --> 00:07:36,870

this is mission control go ahead what

66

00:07:41,909 --> 00:07:39,199

you're doing

67

00:07:50,390 --> 00:07:41,919

i'm being photographed here

68

00:07:52,309 --> 00:07:51,350

four

69

00:07:53,270 --> 00:07:52,319

three

70

00:07:54,230 --> 00:07:53,280

two

71

00:07:57,430 --> 00:07:54,240

one

72

00:07:57,440 --> 00:08:16,309

all right and we have lift up perfect

73

00:08:16,319 --> 00:08:26,710

is

74

00:08:26,720 --> 00:08:40,550

oh

75

00:08:45,430 --> 00:08:42,870

two three o'clock four o'clock

76

00:08:48,670 --> 00:08:45,440

five six seven o'clock eight o'clock

77

00:08:48,680 --> 00:09:05,190

up tonight

78

00:09:05,200 --> 00:09:11,110

when the clock

79

00:09:11,120 --> 00:09:42,870

around the clock