



1
00:00:05,372 --> 00:00:06,940
>> Hello, I'm Johnny Stephenson,

2
00:00:06,940 --> 00:00:08,074
I'm Director of the Office

3
00:00:08,074 --> 00:00:09,309
of Strategic Analysis

4
00:00:09,309 --> 00:00:10,977
and Communications at NASA's

5
00:00:10,977 --> 00:00:12,912
Marshall Space Flight Center.

6
00:00:12,912 --> 00:00:13,847
I'm privileged this year

7
00:00:13,847 --> 00:00:15,181
to announce the social media

8
00:00:15,181 --> 00:00:16,549
award winners for our

9
00:00:16,549 --> 00:00:18,651
Student Launch Competition.

10
00:00:18,651 --> 00:00:19,519
Social Media plays

11
00:00:19,519 --> 00:00:21,054
a significant role

12
00:00:21,054 --> 00:00:22,555
in NASA and our spaceflight

13
00:00:22,555 --> 00:00:23,757

partner's ability

14

00:00:23,757 --> 00:00:25,892

to tell a story of Artemis,

15

00:00:25,892 --> 00:00:26,860

and to tell a story of our

16

00:00:26,860 --> 00:00:28,128

journey of exploration

17

00:00:28,128 --> 00:00:29,095

and discovery

18

00:00:29,095 --> 00:00:30,797

throughout the universe.

19

00:00:30,797 --> 00:00:31,731

This year, you've been

20

00:00:31,731 --> 00:00:33,199

a part of that as well.

21

00:00:33,199 --> 00:00:33,967

You've been encouraged to

22

00:00:33,967 --> 00:00:36,169

the Student Launch Competition,

23

00:00:36,169 --> 00:00:37,270

to be able to use your own

24

00:00:37,270 --> 00:00:40,073

variety of platforms to inspire,

25

00:00:40,073 --> 00:00:41,741

educate, and literally

26

00:00:41,741 --> 00:00:43,643

to tell your own unique story

27

00:00:43,643 --> 00:00:44,711

of what you've gone through

28

00:00:44,711 --> 00:00:45,378

this year in

29

00:00:45,378 --> 00:00:47,614

the launch competition.

30

00:00:47,614 --> 00:00:48,515

Those of you that have told it

31

00:00:48,515 --> 00:00:49,716

the best have literally

32

00:00:49,716 --> 00:00:51,017

been able to bring folks,

33

00:00:51,017 --> 00:00:52,352

followers along with you

34

00:00:52,352 --> 00:00:53,520

as you took the journey

35

00:00:53,520 --> 00:00:54,654

so they felt like they were--

36

00:00:54,654 --> 00:00:56,256

they were there with you.

37

00:00:56,256 --> 00:00:57,056

This year, you were graded

38

00:00:57,056 --> 00:00:58,391

in three categories.

39

00:00:58,391 --> 00:00:59,325

Three things is

40

00:00:59,325 --> 00:01:00,160

what we looked at,

41

00:01:00,160 --> 00:01:01,594

and number one, we looked at

42

00:01:01,594 --> 00:01:03,263

how creative you were,

43

00:01:03,263 --> 00:01:04,297

number two, we looked at

44

00:01:04,297 --> 00:01:05,698

how consistent you were

45

00:01:05,698 --> 00:01:06,866

in posting,

46

00:01:06,866 --> 00:01:07,767

and number three,

47

00:01:07,767 --> 00:01:09,803

we looked at the actual content.

48

00:01:09,803 --> 00:01:10,737

And in doing so,

49

00:01:10,737 --> 00:01:11,538

we'd like to announce

50

00:01:11,538 --> 00:01:12,872

the winners today,

51
00:01:12,872 --> 00:01:14,774
so let me do that now.

52
00:01:14,774 --> 00:01:16,309
I'll start with the high school

53
00:01:16,309 --> 00:01:18,611
and middle school categories.

54
00:01:18,611 --> 00:01:20,079
In third place goes

55
00:01:20,079 --> 00:01:21,848
to Minster Journeymen from

56
00:01:21,848 --> 00:01:24,918
Minster, Ohio, congratulations.

57
00:01:24,918 --> 00:01:26,319
In second place,

58
00:01:26,319 --> 00:01:27,854
goes to Oakton High School

59
00:01:27,854 --> 00:01:29,756
in Vienna, Virginia.

60
00:01:29,756 --> 00:01:31,458
Again, congratulations.

61
00:01:31,458 --> 00:01:32,826
And then first place

62
00:01:32,826 --> 00:01:34,427
is Madison West High School

63
00:01:34,427 --> 00:01:36,863

of Madison, Wisconsin.

64

00:01:36,863 --> 00:01:38,932

In the College Division,

65

00:01:38,932 --> 00:01:39,833

third place goes

66

00:01:39,833 --> 00:01:41,167

to the Rocket Owls

67

00:01:41,167 --> 00:01:42,202

from Citrus College

68

00:01:42,202 --> 00:01:44,437

in Glendora, California.

69

00:01:44,437 --> 00:01:45,872

Second place goes to

70

00:01:45,872 --> 00:01:47,040

the North Carolina State

71

00:01:47,040 --> 00:01:48,408

Wolf Pack.

72

00:01:48,408 --> 00:01:50,176

Coming in first place

73

00:01:50,176 --> 00:01:52,245

is those Purdue Boilermakers.

74

00:01:52,245 --> 00:01:54,881

West Lafayette, Indiana.

75

00:01:54,881 --> 00:01:55,815

Congratulations to

76

00:01:55,815 --> 00:01:57,350

all of your teams.

77

00:01:57,350 --> 00:01:58,818

Purdue, you went further

78

00:01:58,818 --> 00:02:00,053

than anyone else.

79

00:02:00,053 --> 00:02:01,688

You literally took teams along

80

00:02:01,688 --> 00:02:03,456

with you on the journey.

81

00:02:03,456 --> 00:02:04,691

You actually carried them out

82

00:02:04,691 --> 00:02:06,726

to the launch site, you, uh,

83

00:02:06,726 --> 00:02:08,261

carried them along in your way,

84

00:02:08,261 --> 00:02:08,928

you brought them

85

00:02:08,928 --> 00:02:10,196

to STEM events.

86

00:02:10,196 --> 00:02:11,030

Uh, the next thing

87

00:02:11,030 --> 00:02:11,764

I'm looking for is

88

00:02:11,764 --> 00:02:12,999

putting them in the rocket

89

00:02:12,999 --> 00:02:13,733

so they can actually

90

00:02:13,733 --> 00:02:15,301

see the launch as well.

91

00:02:15,301 --> 00:02:16,669

You did-- you did all of it

92

00:02:16,669 --> 00:02:17,470

really, really well,

93

00:02:17,470 --> 00:02:19,105

so congratulations.

94

00:02:19,105 --> 00:02:20,740

I'd also make a special mention

95

00:02:20,740 --> 00:02:22,475

to Wichita State University

96

00:02:22,475 --> 00:02:23,443

as well.

97

00:02:23,443 --> 00:02:25,712

Um, during this year of COVID,

98

00:02:25,712 --> 00:02:27,413

unprecedented year, uh,

99

00:02:27,413 --> 00:02:28,281

it's been hard for teams

100

00:02:28,281 --> 00:02:29,549

to get together.

101
00:02:29,549 --> 00:02:31,084
What, uh, Wichita State did

102
00:02:31,084 --> 00:02:31,918
was they put together

103
00:02:31,918 --> 00:02:33,386
a launch hour where teams

104
00:02:33,386 --> 00:02:34,187
got together and they

105
00:02:34,187 --> 00:02:35,889
shared their own stories.

106
00:02:35,889 --> 00:02:36,990
And so that is creative

107
00:02:36,990 --> 00:02:38,324
in and of itself.

108
00:02:38,324 --> 00:02:39,225
So we appreciate your

109
00:02:39,225 --> 00:02:40,994
participation, we really

110
00:02:40,994 --> 00:02:42,028
appreciate what you do,

111
00:02:42,028 --> 00:02:43,496
we appreciate your love

112
00:02:43,496 --> 00:02:45,765
for space, your love for NASA.

113
00:02:45,765 --> 00:02:47,200

You set the bar high,

114

00:02:47,200 --> 00:02:48,134
and high is where NASA

115

00:02:48,134 --> 00:02:50,203
wants to go, thank you.

116

00:02:54,474 --> 00:02:55,041
>> Hi!

117

00:02:55,041 --> 00:02:55,742
I'm Tracie Prater,

118

00:02:55,742 --> 00:02:56,743
an engineer at NASA's

119

00:02:56,743 --> 00:02:58,177
Marshall Space Flight Center.

120

00:02:58,177 --> 00:02:59,045
And I'm here to present

121

00:02:59,045 --> 00:03:00,213
this years Student Launch

122

00:03:00,213 --> 00:03:02,415
Competition Altitude Award.

123

00:03:02,415 --> 00:03:04,150
Whether launching model rockets

124

00:03:04,150 --> 00:03:05,285
or big rockets like

125

00:03:05,285 --> 00:03:07,487
NASA's Space Launch System,

126
00:03:07,487 --> 00:03:08,187
everyone always

127
00:03:08,187 --> 00:03:09,489
asks the question,

128
00:03:09,489 --> 00:03:11,324
how high does it go?

129
00:03:11,324 --> 00:03:12,325
In past years,

130
00:03:12,325 --> 00:03:13,226
we've challenged teams

131
00:03:13,226 --> 00:03:14,127
to send their rockets

132
00:03:14,127 --> 00:03:15,828
to an altitude of one mile,

133
00:03:15,828 --> 00:03:18,131
5,290 feet.

134
00:03:18,131 --> 00:03:19,832
In 2019, we changed the rules

135
00:03:19,832 --> 00:03:21,334
a little, challenging teams

136
00:03:21,334 --> 00:03:23,603
to go a step further.

137
00:03:23,603 --> 00:03:24,737
Teams must now predict

138
00:03:24,737 --> 00:03:25,538

the altitude of their

139

00:03:25,538 --> 00:03:26,940

rocket using modeling

140

00:03:26,940 --> 00:03:29,108

and simulation software.

141

00:03:29,108 --> 00:03:30,176

They submit their predicted

142

00:03:30,176 --> 00:03:31,177

altitude as part of

143

00:03:31,177 --> 00:03:32,445

their preliminary design

144

00:03:32,445 --> 00:03:34,414

review package long before

145

00:03:34,414 --> 00:03:35,048

they've built their

146

00:03:35,048 --> 00:03:36,916

competition rockets.

147

00:03:36,916 --> 00:03:38,351

The team in each division

148

00:03:38,351 --> 00:03:40,119

that comes closest to matching

149

00:03:40,119 --> 00:03:41,554

their prediction wins

150

00:03:41,554 --> 00:03:43,923

the coveted Altitude Award.

151
00:03:43,923 --> 00:03:44,691
Since we couldn't have our

152
00:03:44,691 --> 00:03:46,960
in-person launch day events

153
00:03:46,960 --> 00:03:48,895
due to COVID-19,

154
00:03:48,895 --> 00:03:50,863
we use the teams' altitudes

155
00:03:50,863 --> 00:03:52,231
from their test launches

156
00:03:52,231 --> 00:03:53,066
that they submitted

157
00:03:53,066 --> 00:03:54,200
as part of their flight

158
00:03:54,200 --> 00:03:56,202
readiness review packages.

159
00:03:56,202 --> 00:03:57,203
And now the winners

160
00:03:57,203 --> 00:04:00,306
of each division.

161
00:04:00,306 --> 00:04:02,275
Micah, come on!

162
00:04:03,643 --> 00:04:13,486
[music]

163
00:04:13,486 --> 00:04:14,187

In the Middle School,

164

00:04:14,187 --> 00:04:16,322

High School Division,

165

00:04:16,322 --> 00:04:17,323

third place goes to

166

00:04:17,323 --> 00:04:18,725

Creekview High School

167

00:04:18,725 --> 00:04:20,893

from Canton, Georgia.

168

00:04:20,893 --> 00:04:22,061

Second place goes to

169

00:04:22,061 --> 00:04:23,930

Nativity Catholic School

170

00:04:23,930 --> 00:04:25,765

of Burke, Virginia.

171

00:04:25,765 --> 00:04:26,799

In space flight,

172

00:04:26,799 --> 00:04:27,867

one foot can make

173

00:04:27,867 --> 00:04:29,402

a big difference.

174

00:04:29,402 --> 00:04:30,603

In this competition,

175

00:04:30,603 --> 00:04:31,704

it was the difference between

176
00:04:31,704 --> 00:04:34,107
first and second place.

177
00:04:34,107 --> 00:04:35,541
In first place,

178
00:04:35,541 --> 00:04:37,510
Sierra Vista Middle School

179
00:04:37,510 --> 00:04:39,479
of Irvine, California.

180
00:04:39,479 --> 00:04:42,715
Congratulations!

181
00:04:42,715 --> 00:04:43,549
The College Division

182
00:04:43,549 --> 00:04:45,818
was also a close battle.

183
00:04:45,818 --> 00:04:47,854
Finishing in third place,

184
00:04:47,854 --> 00:04:49,422
Northwestern University

185
00:04:49,422 --> 00:04:51,824
of Evanston, Illinois.

186
00:04:51,824 --> 00:04:53,359
In second place,

187
00:04:53,359 --> 00:04:54,927
University of Tennessee

188
00:04:54,927 --> 00:04:56,896

in Knoxville, Tennessee.

189

00:04:56,896 --> 00:04:58,398

And in first place,

190

00:04:58,398 --> 00:05:00,199

University of Florida

191

00:05:00,199 --> 00:05:02,769

in Gainesville, Florida.

192

00:05:02,769 --> 00:05:03,870

University of Florida

193

00:05:03,870 --> 00:05:05,571

missed their target altitude

194

00:05:05,571 --> 00:05:07,874

by only 50 feet!