

# NES Focus Group Protocol

## NASA Content Modules

Focus Group Script: Good day! My name is (insert name here) and I will be leading this focus group about the NASA Content Modules you used through the NASA Explorer School (NES). You are not being judged or graded on how well you implemented the content provided through NES. Please provide us with your honest feedback based on your own experience with the NASA Content Modules. The information you provide will be used to improve the NASA Explorer School when it is scaled-up.

As you likely recall, the names of the NASA content modules are:

- Earth Climate Course
- LunarNautics
- Engineering Design Challenge: Plant Growth Chamber
- Smart Skies
- My NASA Data
- Rocket Guide
- Black Hole Math
- Cooling with Sunshades

But, before we start the focus group, please take a few minutes to write down on a piece of paper – Three things you remember about using the NASA Content Modules in your classroom; Two things you liked about the modules that you used; Two things that could have been better about the modules you used.

What was your experience using the module(s) in your classroom?

What did you particularly like about the module(s)?

What did you not like about the module(s)?

What did you think of the support provided to you to implement the modules in the classroom?

If additional support could be provided to help you implement the modules in your classroom, what should the support look like?

# NES Focus Group Protocol

## Electronic Professional Development

Focus Group Script: Good day! My name is (insert name here) and I will be leading this focus group about the NES Electronic Professional Development you used through the NASA Explorer School (NES). You are not being judged or graded on how well you implemented the content provided through NES. Please provide us with your honest feedback based on your own experience with the Electronic Professional Development. The information you provide will be used to improve the NASA Explorer School when it is scaled-up.

As you likely remember, NES provided three different types of Electronic Professional Development: 1) Instructor Lead, 2) Self-Guided, 3) Facilitated and Self-guided.

Before we start the focus group, please take a few minutes to write down on a piece of paper – Three things you remember about using the NASA Content Modules in your classroom; Two things you liked about the modules that you used; Two things that could have been better about the modules you used.

Before we start, on a piece of paper, please write down the types of professional development you used. If you need clarification on the types of professional development, I can provide you with a definition of each. Now, for each type of Electronic Professional Development, please write down one thing you really liked about it, one thing you did not like about it, one thing about the professional development that helped you implement the associated content module in your classroom.

How many of you used the Instructor Lead Electronic Professional Development? Was the Instructor Lead Electronic Professional Development helpful for you to implement the associated Content Module in your classroom? If yes, how was it helpful? If no, why was it not helpful?

How many of you used the Self-Guided Electronic Development? Was the Self-Guided Electronic Professional Development helpful for you to implement the associated Content Module in your classroom? If yes, how was it helpful? If no, why was it not helpful?

How many of you used the Facilitated and Self-guided Electronic Development? Was the Facilitated and Self-guided Professional Development helpful for you to implement the associated Content Module in your classroom? If yes, how was it helpful? If no, why was it not helpful?

If you had to vote for the best type of Electronic Professional Development for helping you implement the Content Modules in your classroom, which type would you vote for? Why was this type of Electronic Professional Development better than the other types of professional development?

# NES Focus Group Protocol

## In-class media

Focus Group Script: Good day! My name is (insert name here) and I will be leading this focus group about the NES In-class media you used through the NASA Explorer School (NES). You are not being judged or graded you on how well you implemented the content provided through NES. Please provide us with your honest feedback based on your own experience with the In-class media. The information you provide will be used to improve the NASA Explorer School when it is scaled-up.

Before we start the focus group, please take a few minutes a write down on a piece of paper - Three things you remember about using the In-class media in your classroom; Two things you liked about the in-class media; Two things that could have been better about the in-class media.

How did you use the in-class media in your classroom?

What was particularly good about the in-class media you used?

What could have been better about the in-class media you used?

Were your students engaged by the in-class media that you used in your classroom? If yes, please describe how they were engaged? If yes, what was it about the in-class media that you think your students found engaging?

# NES Focus Group Protocol

## NES web interface

Focus Group Script: Good day! My name is (insert name here) and I will be leading this focus group about the NES web interface you used through the NASA Explorer School (NES). You are not being judged or graded you on how well you implemented the content provided through NES. Please provide us with your honest feedback based on your own experience with the NES web interface. The information you provide will be used to improve the NASA Explorer School when it is scaled-up.

Before we start the focus group, please take a few minutes a write down on a piece of paper - Three things you remember about NES web interface; Two things you liked about the NES web interface; Two things that could have been better about the NES web interface.

In your opinion, was the NES web interface easy to navigate?

What did you like, in particular, about the NES web interface?

If the NES team could improve the NES web interface so it would be easier for teachers to use, what should the NES team improve?