

**Middle School
Math Content Series
Fall 2024**

Date/Time	Registration Information	Topic & Description
September 25, 2024 4:00-5:30 pm	Registration link: https://go.ncdpi.gov/MSMCSep2024	<u>Leveraging Statistical Habits of Mind through Data Visualizations</u> Numbers are useful in describing the world around us. The way we interact with the numbers around us can say a lot about us. During this session, we will introduce data literacy principles that can be incorporated into your classroom, empower educators to facilitate instruction on 6-8 math standards involving data visualizations, and review ways in which data can augment experiences in the math and non-math classroom.
October 23, 2024 4:00-5:30 pm	Registration link: https://go.ncdpi.gov/MSMCSOct2024	<u>Unveiling the Power of Univariate Statistics</u> During this session we will explore how concepts associated with univariate statistics develop across the middle grade standards including descriptive and visual summaries of distributions and explore strategies to make statistics exciting and accessible for your students. You will also learn how to use freely available apps to enhance your teaching with engaging activities, real-world applications, and collaborative discussions that will bring data to life in your classroom.
November 20, 2024 4:00-5:30 pm	Registration link: https://go.ncdpi.gov/MSMCSNov2024	<u>Does Data Predict the Future? It "Depends"!</u> During this session, we will explore bivariate data in mathematical and real-world settings, including the concept of dependence (independent and dependent variables) and its relation to causation, correlation, and connections to algebra. Bivariate data is a focus of 8th grade math leading to high school math in North Carolina, but the concept development begins earlier. This progression and the relationships to other standards are essential for a full understanding of the concept - grow your understanding here!

Participants can earn 2 contact hours per session for attending LIVE* sessions and providing reflective feedback.

For more information, contact Tammy Lackey: tammy.lackey@dpi.nc.gov

**All sessions will be recorded - [Link to completed session recordings](#)*

(No contact hours can be earned for viewing recorded sessions)