

# 2018 State Math Fair Winners

## Primary Division, Grades K-2

### 1<sup>st</sup> Place:

Camden Alford  
"Marshmallow Math"  
Wrightsville Beach Elementary School  
Wrightsville Beach, NC

### 2<sup>nd</sup> Place:

Della Ruth Koster and Loulie Harrison  
"Door to Door Distance"  
Elm City Elementary School  
Wilson, NC

### 3<sup>rd</sup> Place:

Levi Alderete  
"Guess My Number"  
Woodland Heights Elementary School  
Mooresville, NC

### Honorable Mention:

Serah Ann Mobin  
"My Birthday Planning Project"  
Coddle Creek Elementary School  
Mooresville, NC

Ema Garcia  
"Math in Computational Science"  
Snow Hill Primary School  
Snow Hill, NC

Kaydence Moore  
"Hoverboarding Kids vs. Adults"  
Poplar Springs Elementary School  
King, NC

## Elementary Division, Grades 3-4

**1<sup>st</sup> Place:**

Grace Young  
“Probability: It’s a Piece of Cake”  
Parkway Elementary School  
Boone, NC

**2<sup>nd</sup> Place:**

Arjun Patel and Landon Bruck  
“Ballumes”  
Woodland Heights Elementary School  
 Mooresville, NC

**3<sup>rd</sup> Place:**

Kate Bowling and Reese Wilson  
“Plastic + Ocean = Problem”  
Woodland Heights Elementary School  
 Mooresville, NC

**Honorable  
Mention:**

Morgan Davis and Sylver Best  
“Disney By the Numbers”  
Greene County Intermediate School  
Snow Hill, NC

Evan Crater  
“Can You Get More Eggs for Peanuts?”  
Troutman Elementary School  
Troutman, NC

## **Intermediate Division, Grades 5-6**

**1<sup>st</sup> Place:**

Rylee Greene  
"Moving at the Speed of Tennis"  
Greene County Intermediate School  
Snow Hill, NC

**2<sup>nd</sup> Place:**

Avery Mays  
"The Adventures of Starman"  
North Windy Ridge Intermediate School  
Weaverville, NC

**3<sup>rd</sup> Place:**

Easton Creech  
"Down Set Hut"  
Greene County Intermediate School  
Snow Hill, NC

**Honorable  
Mention:**

Peyton Surridge  
"Dolphin Facility"  
Mountain View Elementary School  
Hickory, NC

## Middle School Division, Grades 7-8

- 1<sup>st</sup> Place:** Jayden Brown and Akshar Patel  
“Ahead of the Hurricane”  
J. N. Fries Magnet School  
Concord, NC
- 2<sup>nd</sup> Place:** Rolando Hernandez and Jeannette Graham  
“What Are the Odds?”  
South and North Asheboro Middle Schools, respectively  
Asheboro, NC
- 3<sup>rd</sup> Place:** Lane Schafer  
“Pick’s Theorem”  
Lakeshore Middle School  
 Mooresville, NC
- Honorable Mention:** Colin Hanes  
“Effect of Spacing on Diffraction: A Double Slit Experiment”  
Carnage Magnet Middle School  
Raleigh, NC
- Safiya Khambaty  
“Math is Flipping Amazing!”  
Hope Middle School  
Greenville, NC
- Michael Giurcanu  
“Grids Meet Computer Software”  
Hope Middle School  
Greenville, NC

## High School Division, Grades 9-12

**1<sup>st</sup> Place:**

Arvin Singh  
"Sharing Secrets"  
Asheboro High School  
Asheboro, NC

**2<sup>nd</sup> Place:**

Jayden S.  
"Creating a Hip-Hop Beat Using the Note to Number Method  
of a Fibonacci Sequence and Modular Arithmetic"  
Stonewall Jackson Youth Development Center  
Concord, NC

**3<sup>rd</sup> Place:**

Taten B.  
"Dream Design by Charlie Inc."  
Stonewall Jackson Youth Development Center  
Concord, NC

**Honorable  
Mention:**

Valerie Kitchell  
"Predictive Policing: Exploring the Accuracy of Crime  
Indicator Models"  
Watauga High School  
Boone, NC

Kaia Markert  
"Alternative Representation of Quotients in Division of  
Polynomials"  
Southwest Guilford High School  
High Point, NC