



**THE LION'S ROAR**  
MILLENNIUM CHARTER ACADEMY EVENTS WORTH ROARING ABOUT

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## Students Win at Regional Science Fair !

We are proud to announce that we have winners at the regional North Carolina Science and Engineering Fair in all three levels of the fair! Our school participates in the Northwest Region 7, which is made up of our school, plus other schools in Avery, Burke, Caldwell, Watauga, Ashe, Catawba, Alleghany, Wilkes, Yancey, Mitchell, McDowell, and Alexander Counties.



In the elementary division, **Maya Kern**, 4<sup>th</sup> grade, won an exemplary project award for her research testing if balloon shape could make a difference in the propulsion of a toy car. Maya will continue to the state level of the North Carolina and Engineering Fair, which is normally held in Raleigh, but will be virtual this year.

**Maya Kern**, 4<sup>th</sup> Grade:  
Which makes a toy car go  
faster: a skinny balloon or  
a normal balloon?



In the senior division, which includes high school grades nine through twelve, 9<sup>th</sup> grader Cheyenne Rogers took first place in the Biological Science B category! Her project studied the psychological effects of COVID on school students, a very worthy study in today's environment. Cheyenne will continue to the state level competition.



**Cheyenne Rogers**, 9<sup>th</sup>  
Grade: The Psychological  
Effects of COVID on  
Students.

## Science Fair Winners, continued

In the middle school division, MCA took home many wins from the regional competition. All these students progress to the state level of competition. We congratulate them for their diligence and hard work on their projects!

### Biological Science B

3rd Place, Abigail Bowen – 6<sup>th</sup> grade - How do masks affect how we read body language?

2<sup>nd</sup> Place, Samantha Flinchum – 6<sup>th</sup> Grade – How does eye color affect peripheral vision?

1<sup>st</sup> Place, Morgan Shipley – 6<sup>th</sup> Grade – Effectiveness of Speed Reading

### Chemistry

2<sup>nd</sup> Place, Jay Hoerter – 6<sup>th</sup> Grade – Chemical rockets

1<sup>st</sup> Place, Joseph Bevard – 6<sup>th</sup> Grade - HOT! HOT! HOT! Which charcoal heats faster?

### Earth and Environmental Science

3<sup>rd</sup> Place, Addison Mickey – 7<sup>th</sup> Grade - Power up with Solar Energy (temperatures most effective for solar panels)

### Physics and Math

3<sup>rd</sup> Place, Krista Morrison – 7<sup>th</sup> – Determining bounce heights on a trampoline



Left to right: **Addison Mickey**, 7<sup>th</sup> grade, Abigail Bowen, 6<sup>th</sup> grade, **Samantha Flinchum**, 6<sup>th</sup> grade, **Morgan Shipley**, 6<sup>th</sup> grade, and **Joe Bevard**, 6<sup>th</sup> grade.

**Jay Hoerter**,  
6<sup>th</sup> grade



**Krista Morrison**,  
7<sup>th</sup> grade



## 8<sup>th</sup> Grade Athletes Recognition Night

MCA Athletics recently held its annual 8<sup>th</sup> grade recognition ceremony for winter sports. Congratulations and thanks to our athletes for their work and performance in middle school sports! Also, we'd like to offer a huge thanks and a shout out to Andrea Jarrell, of Andrea Jarrell Photography, for taking our athletic photos! ([www.andreajarrellphotographyllc.com](http://www.andreajarrellphotographyllc.com))

**Karlee Bryant** is the daughter of Dean and Peggy Bryant. She has attended MCA since 6<sup>th</sup> grade, and she's been a member of the cheer, track, and volleyball teams. Karlee attends Solid Rock Baptist Church where she is an active member in the church youth group. Her goal is to attend college to become either a surgeon's assistant or a lawyer.



**River Edge** is the daughter of Jody and Brandi Dellenback. She has attended MCA since 4<sup>th</sup> grade. River is the middle school cheer captain and has been a member of the cheer team since 6<sup>th</sup> grade. After high school, River plans to attend law school in hopes of becoming a criminal defense lawyer.

**Isabelle Pflug** is the daughter of Jason and Liz Pflug. She has attended MCA since kindergarten and has been on the cheer team since 6<sup>th</sup> grade. After high school she plans to attend UNC-Chapel Hill to become an anesthesiologist.



**Mia Sands** is the daughter of Kinley and Ashley Cassell. Mia has attended MCA since kindergarten and has been on the cheer team for two years. Mia is very involved in the MCA Choir and has performed with the group since 6<sup>th</sup> grade. She is very involved in the community through her church youth group and helps with local food drives. After high school Mia plans to attend a four-year college to become a registered nurse.



Meet our 8<sup>th</sup> grade basketball players and their families! Left to right: Number 1, **David Shrum**; Number 5, **Garrett Routh**; Number 4, **Matthew Grubb**; Number 52, **Jack Claxton**; Number 23, **Phillip Byrd**.

## Basketball

**David Shrum** is the son of Joe and Rebekah Shrum. David has attended MCA since the sixth grade. He started playing basketball at the age of six, and since that time, David has played at the Y, his elementary school, AAU, and various rec league programs. David is currently still thinking about his plans after high school.

**Garrett Routh** is the son of Aaron and LeAnne Routh. Garrett has attended MCA since kindergarten, and he's played middle school basketball his entire middle school career. He has excelled in his studies and is a member of the Cub Scouts and Boys Scouts. After high school Garrett plans to attend college with the goal of one day becoming an orthodontist.

**Matthew Grubb** is the son of Angela Bonds and Dwight Hall. Matthew has attended MCA since the 5<sup>th</sup> grade. While in middle school, he's been on the honor roll and played basketball and baseball. After high school he plans to attend NC State University to obtain an engineering degree and wants to obtain his general contractor's license.

**Jack Claxton** is the son of Suzanne Hill and Ian and Anna Claxton. Jack has attended MCA since the 7<sup>th</sup> grade, and this is his second year on the basketball team. He enjoys giving back to his community and attends Highland Park Baptist Church. After high school Jack plans to attend a four-year university.

**Phillip Byrd** is the son of Darian and Kristie Byrd. Phillip has attended MCA since kindergarten. While at MCA, Phillip has participated in school plays and won awards for his science fair projects and research paper competitions. He has played baseball and basketball for Millennium since sixth grade. He attends Covenant Church in Mount Airy where he works in the sound ministry, and he's an active member in the youth group. After high school Phillip plans to attend a four year university and major in accounting and business management.