

## Contact Information:

Eagle Spring Elementary  
3591 Hwy 41 N  
Byron, GA 31008  
Office (478)953-0450  
Fax (478) 953-0444

Dr. Andrea McGee, Principal  
[andrea.mcgee@hcbe.net](mailto:andrea.mcgee@hcbe.net)



## Who Are We?

We have been serving the community  
of Houston County since 1999.

Currently...

- 800+ student in grades Pre-K–Fifth
- Title I school with an estimated 56% F/R
- 53% Caucasian, 28% African American, 8% Hispanic, 6% Other, and 5 % Asian
- 10% students served by ESOL services, 10% Special Education services, and 14% served in our Gifted and Talented Program

Recognitions:

- GADOE STEM Certification: 2016
- Title I Reward School for Highest Performance: 2015 and 2016
- TAG STEM Day Finalist: 2014, 2015, and 2016



# Eagle Springs Elementary

Environmental Stewardship



Our **kindergarteners** have worked with our aeroponic garden tower system to learn about plant growth. They have also established a learning lab on our playground and have utilized their science standards to create activities for the learning lab, such as a sundial, a seesaw, planters, etc.

Our **first graders** have researched animal habitats and have collaborated with GoFish to create bog gardens and aquaponics system.

Our **second graders** have researched the needs of butterflies in effort to revitalize the school's butterfly garden and to expand the butterfly habitat in our community. They also study the life cycle of plants and have established a school pumpkin patch.

Our **third graders** work with vermicomposting and biochemical composting. They have researched both processes and have been trouble-shooting problems that arise with each process, such as fruit flies. The composting is utilized for garden projects throughout the school grounds.

## Where Our STEM Journey Has Taken Us...

**Our students engage in authentic problem-based research and the engineering design process through on-going projects that solve real world problems in our school and community.**

## Partnerships:



Our **fourth graders** have collaborated with GoFish and the DNR to solve real life problems such as: scarcity of wood ducks and decreasing population of juvenile fish in their habitats. Through this collaboration, students researched the basic needs for survival in wood duck and fish habitats. After their research was complete, the students built wood duck boxes and fish attractors that were placed in various habitats.



Our **fifth graders** have collaborated with Keep Warner Robins Beautiful and AMEC Foster to solve erosion problems on our playground. They designed solutions to correct erosion areas on our grounds. Additionally, they sponsor an annual tree adoption.