

# Harris County-Carver Middle School

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*Stacey Carlisle*  
Principal

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H – High Expectations  
C – Challenging Curriculum  
C – Community Involvement  
+M – Motivated Students  
S = Success

## Blog Address: [edgehccms.blogspot.com](http://edgehccms.blogspot.com)

**7<sup>th</sup> Grade Life Science** – This course is designed to build upon student’s prior knowledge of the life around us and to prepare them for future learning at the high school level. Life science topics affect our everyday lives and will impact the decisions our children make as adults. Issues such as genetic engineering and environmental conservation are important concerns of our daily life. It is thus important that we give our youth a strong foundation in the concepts of life science.

**Georgia Performance Standards for 7<sup>th</sup> Grade Life Science** – All Life Science lessons and activities will coordinate with the following Georgia Performance Standards:

1. Students will investigate the diversity of living organisms and how they can be compared scientifically.
2. Students will describe the structure and function of cells, tissues, organs, and organ systems.
3. Students will recognize how biological traits are passed on to successive generations.
4. Students will examine the dependence of organisms on one another and their environment.
5. Students will examine the evolution of living organisms through inherited characteristics that promote survival of organisms and the survival of successive generations of their offspring.

**Course Overview:** 7<sup>th</sup> grade life science covers the five primary standards listed above.

### 1<sup>st</sup> 9 Weeks:

- ❖ Cell structure and function
- ❖ Organization of cells in tissues, organs, and organ systems
- ❖ Cell processes: osmosis, respiration, and photosynthesis
- ❖ Human body systems and their functions.

### 2<sup>nd</sup> 9 Weeks:

- ❖ Sexual and asexual reproduction
- ❖ Genetics and Heredity
- ❖ Selective breeding
- ❖ 6 Kingdom classification system
- ❖ Classification using dichotomous keys

### 3<sup>rd</sup> 9 Weeks:

- ❖ Ecology
- ❖ Food webs
- ❖ Relationships between organisms
- ❖ Biomes

### 4<sup>th</sup> 9 Weeks

- ❖ Evolutionary adaptations
- ❖ Natural selection
- ❖ Fossil record

### Grading Policies:

45% - class work, labs and participation  
15% - homework

25% - tests and quizzes  
15% - 9 weeks exam.



**Textbook: Science Fusion – Consumable textbooks and notebooks**

Science textbooks will be a consumable textbook and notebook combination. Students will have separate workbooks for each concept. The books are to be brought to class daily. These books will be where notes are highlighted, notes are taken, and work will be completed, torn out, and turned in.

**Absence:**

It is the student's responsibility to obtain make up assignments. A student **has 3 days to complete make up work**. 10 points per day are deducted for each day the assignment is late, after the 3 days. Makeup work will be located in a designated space in the classroom and it is the student's responsibility to obtain it on the day of his/her return to school.

**Supplies:**

- Team Pencil Pouch (pencil, glue, tape, expo markers, pencil sharpener)
- 2 Plastic Folders with pockets and brads (to hold)
- Loose-leaf notebook paper (restock as needed throughout the school year)
- Suggested, but not required = color pencils (put them in your pencil pouch)
- **Loose Leaf Graph Paper**

**\*\* Bring your expo markers, glue sticks, and writing utensils in your pencil pouch to class daily**

**Rules for Success:**

Due to cooperative group work and hands-on activities in science, student cooperation is essential. Students are required to always **be prepared, follow directions, and turn in work** by the due date given. Students are to conduct themselves in accordance with all rules of conduct in the HCCMS handbook. Students will be expected to cooperate with the teacher and other classmates. Students found out of compliance with lab safety contract will not be allowed to participate in labs for safety purposes. Point slips are viewed as a communication device to keep parents informed of student behavior.

**Classroom Agenda:**

- Written homework is not given every night, but students are encouraged to review materials from class each night for at least 10 minutes. My website will include PowerPoint presentations of the current material we are studying. All classroom material will also be posted. My website is [edge.hccmsonline.com](http://edge.hccmsonline.com) and a blog (to be announced)
- Late work is minus 10 points for every day it is late. Late work will not be accepted after three days**
- Daily lesson plans are posted at [7science.hccmsonline.com](http://7science.hccmsonline.com).
- Emails will be sent out to inform parents and remind students of important dates and progress.
- Class blog information coming soon!

**Infinite Campus**

Infinite Campus is our grade book. Parents will have immediate access to grades and behavior reports as they are entered into the system. All parents are encouraged to become registered users of Infinite Campus in order to monitor their child's progress in all classes. Access and information is available on the system website: <http://harriscounty.ga.schoolwebpages.com> .

**Contact information:**

Arin Edge  
Email: [edge-a@harris.k12.ga.us](mailto:edge-a@harris.k12.ga.us)

School phone - (706) 628-4951

***Please sign below and return to science teacher:***

Class Period: \_\_\_\_\_

I \_\_\_\_\_ have read the syllabus and will adhere to the guidelines to the best of my

ability.

**We have read the above class guidelines and we will adhere to them to the best of our ability.**

**Student signature \_\_\_\_\_ Parent signature \_\_\_\_\_**

**Parent phone number \_\_\_\_\_ Parent email address \_\_\_\_\_**