

# CMS Conyers Middle School

7<sup>th</sup> Grade  
2015-2016



## Course: Life Science

### Teachers:

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### Course Description:

The students will learn scientific processes so that they can look at a problem objectively and make intelligent decisions concerning life science issues. In addition to the “Big Ideas” listed below, this course will introduce laboratory safety and research methods. Students will participate in laboratory exercises and will receive instruction in reading in the content area, vocabulary development, and application of learning.

### Textbook Information:

All students will receive a textbook to be used in the classroom and at home. Each student is responsible for maintaining their own textbook. Textbooks are also available online; the link and access code are found below.

Name: Georgia Science

Cost: \$70

Online Textbook Link: [www.glencoe.com/ose](http://www.glencoe.com/ose)

Access Code: EA402121A1

### Course Outline:

<b>1<sup>st</sup> QUARTER BIG IDEA(S)</b>
S7L4. Ecology: Students will examine the dependence of organisms on one another and their environments.
<b>2<sup>nd</sup> QUARTER BIG IDEA(S)</b>
S7L2.Cells: Students will describe the structure and function of cells,, tissues, organs, and organ systems,
<b>3<sup>rd</sup> QUARTER BIG IDEA(S)</b>
S7L3.Genetics: Students will recognize how biological traits are passed on to successive generation.
<b>4<sup>th</sup> QUARTER BIG IDEA(S)</b>
S7L5. Evolution and Natural Selection: Students will examine the evolution of living organisms through inherited characteristics that promote survival of organisms and the survival of successive generation of their offspring.

### \*\*\*Major Projects

- **All students must participate in the Science Fair Project.**
- Students will complete at least one individual or small group project per 9 weeks.
  - Quarter 1: Biome In a Box
  - Quarter 2: Design and Example Cell Structure Project/ 3D Human Body System
  - Quarter 3: Genetic Poster
  - Quarter 4: TBD

**Supplies for the Year:**

- Textbook
- School Wide AVID Binder
- 1 Composition Notebook (for Science Fair Project)
- Glue Sticks
- Colored Pencils and or Crayons
- Blue or Black Pens **AND** Pencils
- Flash drive

\*\*Students will need to bring materials to class daily.\*\*

**School-wide Discipline:**

1. Teacher conference with student.
2. Parent Teacher Conference.
3. Conference with the grade level team.
4. Loss of a privilege. Note at this time, the teacher has only used verbal redirection and communication to address the child. Step 4 removes something from the child (time/ privilege). Teachers may also REFOCUS the student within their classrooms or with a Refocus buddy teacher.
5. Refocus Time with ISS teacher (teacher directed). Students will complete a refocus behavioral assignment and remain in the refocus area for 30 minutes.
6. Administrative intervention.

**Make- up Work Due to Excused Absences:**

See student handbook for the county policy regarding excused absences. When a student is absent from school, **it is the student's responsibility** to initiate all make-up work on the first day he/she returns to school.

**CHEATING POLICY**

Cheating by students is inexcusable conduct and will be dealt with very severely. A zero will be given to the student for the assignment involved and he/she will be referred to the grade level principal. Some common examples of cheating are: using unauthorized materials in a test situation, receiving unauthorized information on a test, giving information in a test situation, passing on definite questions or answers to someone who has not taken the test, turning in work for credit that is not one's own, and plagiarism.

**\*\*Teacher reserves the right to make additions or deletions to the syllabus as needed.\*\***

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**Please read the following, sign and return to your teacher.**

This syllabus needs to be placed in the front of the student's notebook for future references.

I have read and understand the rules and guidelines set forth in this **Life Science Syllabus**. I will also review and assist my child with organizing his/her notebook...

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Name: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Email: \_\_\_\_\_

Phone Number: \_\_\_\_\_

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