

**St. James Academy**  
**Biology/Honors Biology**  
**Syllabus**

1. Teacher: Mr. Greg Hohensinner  
ghohensinner@sjakeepingfaith.org

2. Descriptive Information:

A. Archdiocese of Kansas City in Kansas Science mission statement:

The mission of science education in the Archdiocese of Kansas City in Kansas is to utilize science as a vehicle to prepare all students as lifelong learners who can use science as stewards of God's creation, to make reasoned decisions, and to contribute to their local, state and international communities.

B. Course Name and Number: Biology SC 0800  
Honors Biology SC 0802

C. Course Description:

- a. Biology: Biology 1 is an introduction course, which fosters an understanding and appreciation of life. This course covers the cell, genetics, evolution, zoology, botany, and ecology. The focus is on activities.
- b. Honors Biology: Will cover the same subject matter as Biology, but in more detail. Emphasis is given to developing critical thinking skills. This course is for those students who possess a demonstrated aptitude in science and who plan to enroll in advanced science courses. Students should carefully consider the extra time needed for this more challenging course.

D. Credit : 1 credit

E. Prerequisite:

- a. Biology: None

- b. Honors Biology: Recommendation from the St. James Academy Science Department/Administration based on minimum score on placement exam.

### 3. Course Objectives:

- A. The biology student will have an understanding of the scientific process.
- B. The biology student will have a thorough understanding of the cell.
- C. The biology student will be able to write descriptive essays.
- D. The biology student will have a basic understanding of the greenhouse effect.
- E. The biology student will process a better understanding of photosynthesis.
- F. The biology student will have a solid background in genetics.
- G. The biology student will be well informed on Aids-Prevention, cure, and care of victims.
- H. The biology student will be able to describe in detail how the body fights off infections.
- I. The biology student will have a vast understanding of the carbon/oxygen cycle and the water cycle.
- J. The biology student will be able to make his/her own decisions on the creation/evolution theory.
- K. The biology student will dissect frogs/pigs, having a better understanding of the structure and function.
- L. The biology student will have a working knowledge of the skeletal system of the human body.

### 4. Course Content:

- A. Characteristics of life an how they apply to us.
- B. Biological Processes
- C. Biochemistry
- D. Cells
- E. Homeostasis
- F. Photosynthesis and Respiration
- G. Fundamentals of Genetics
- H. Ecology

- I. Evolution
- J. Virus
- K. Bacteria
- L. Systems of the Human Body
- M. Amphibians
- N. Dissection: Frogs and Fetal Pigs
- O. Reproduction : Sexual and Asexual

5. Course Requirements:

**The biology student will have homework every night.** It may not be written homework, but may be what I call understanding the material covered in class. If he/she does not understand the material covered they should come back to class the next day with questions. **I will be glad to help them where they are having difficulties.** The students should be taking notes off the power point presentations given in class. Keeping them on the laptop or in a spiral notebook is a must.

If a student is absent from school all work should be made up as soon as possible. **When a student misses class due to any reason, they are required to come and see me the next morning before school to turn in any homework that was not turned in when it was due and also find out what they missed in class.** This most often means that they are coming to see me on a day that they do not even have class. If they miss a quiz then the next quiz we take will be doubled for them. If they miss a test then the test must be made up immediately. This may mean that the student comes in on Saturday to make it up.

The following is a copy of a proper heading that should be on **every** paper that is turned in:

Name	Elaine Martens
Class	Biology
Hour	2 <sup>nd</sup>
Assignment	Ch. 1 Review
Teacher Name	Mr. Hohensinner

6. Evaluation:

Everything has equal value in the Biology class. Homework, Quizzes, Test, Projects, and Experiments. Extra Credit is available in Biology , **but not in Honor Biology**. The grading scale that is in the handbook/calendar will be used.

## Grades

Are determined by taking the points received on homework, quizzes, test, projects and experiments adding them up and figuring his/her percentage.

### **Semester Grades**

\*Semester exams count as part of the semester grade.

\*Semester grades will be the grade that you achieved from the first day of school to the last day of the semester. There will not be a quarter grade. Only a semester grade.

7. Textbook Required:  
Biology –(Johnson/Raven) = Holt, Rinehart and Winston 2006
8. You will have a major test approximately every 2-3 weeks. It may cover one or two chapters but not anymore than that. When we get into some of the more difficult chapters they are usually tested by themselves. **Every test must be kept & corrected, because semester exams are taken word for word from them.**
9. Appendix  
You must be in the room on time.....  
No candy, gum, pop etc.....  
All school rules will be observed in the classroom.....  
**The above offenses will result in a one-hour detention served after school on either the day given or the following day.**

**If you have any questions, please feel free to call me!!!!!!!!!!!!!!!!!!!!**

