

Capital High School

Biology 1 Syllabus

Instructor: Sarah Urban

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Room 222

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I teach at Capital 0-4th period. I check my email several times a day. The best time for make-up work is either before school or at lunch!

Course Description: Biology 1 is a survey class in the Life Sciences that includes laboratory experiences. The purpose of this course is to develop an understanding of living things and their relationship to each other. There will be an emphasis on application of biological knowledge and critical thinking in relation to environmental and social concerns.

Unit Descriptions:

1st quarter - Cells Alive – prokaryotic & eukaryotic cell structure and function and ecology

2nd quarter - Genetics – principles of genetics, genetic disorders, DNA

3rd quarter - Invertebrates and chordates – classification, structure & function, dissections

4th quarter - Plants and ecology – photosynthesis, organism interactions

Grade Breakdown:

Student achievement will be based on, but not limited to class participation, laboratory work, notebooks, portfolios, written and oral tests, and written and oral communication skills. Biology grades are based on a percentage of total points possible. Lab, quiz, assignment, and test points are all equal in weight.

Semester Grade: First quarter: 40% Second quarter: 40% Semester test: 20%

Grading Scale:

91 – 100 = A

78 – 79.99 = C+

90 – 91.99 = A-

72 – 77.99 = C

88 – 89.99 = B+

70 – 71.99 = C-

82 – 87.99 = B

68 – 69.99 = D+

80 – 81.99 = B-

62 – 67.99 = D

60 – 61.99 = D-

59.99 AND BELOW ----- = F

Class Rules and Expectations:

Be prompt - Arrive to class on time and turn in assignments when they are due.

Be prepared - Bring required materials to class each day and prepared for the day's lesson.

Be productive - Be on task and take pride in your work.

- Follow all Safety Rules

- Remain in your seat until the bell rings

Be polite - Respect the people and equipment in the classroom.

- Storerooms, cabinets, the teacher's desk and computer are off limits

- Talk when appropriate

-Use of electronic devices at appropriate times only