

# Life Science

## Course Syllabus



### Supervising Teacher

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### Course Description:

Life Science

2 semesters

Grade 7

*Life Science is the study of the origins, diversity and complexity of living organisms. The topics covered include characteristics of life, structure and functions of cells, major body systems, reproduction and heredity, evolution and biodiversity, organisms and their environments, energy and living things and topics in ecology.*

### Textbook Options:

#### Harcourt-Holt Option

This option is good for students with a higher vocabulary level.

#### Required Books:

HARCOURT - HOLT Science & Technology, Life Science Student Edition 2007 Edition, required for this course. Catalog Item # 0000026198

HARCOURT - HOLT Science & Technology, Life Science Teacher Edition 2007 Edition, required for this course. Catalog Item #0000026199

#### Highly Recommended Optional Items:

HARCOURT - HOLT Science & Technology, Life Science Study Guide. Catalog Item #0000032455

HARCOURT - HOLT Science & Technology, Life Science, Earth Science, Physical Science Holt Science Skills Worksheets. Catalog Item #0000032460

HARCOURT - HOLT Science & Technology, Life Science, Earth Science, Physical Science Inquiry Lab, Catalog Item #0000032461

#### McDougal Littell Option

This option is good for students who are more independent learners.

#### Required Books:

MCDUGAL LITTELL Science: Life Science Student Edition. Catalog #0000026206

MCDUGAL LITTELL Science: Life Science Teacher Edition. Catalog #0000026207

#### Highly Recommended Optional Items:

MCDUGAL LITTELL Science: Life Science Lab Manual. Catalog #0000032491

MCDUGAL LITTELL Science: Life Science Note-Taking / Reading Study Guide. Catalog #0000032492

#### McGraw-Hill Glencoe Option

This option is good for students and parents who need more support – online tests and quizzes are available.

#### Required Books:

MCGRAW-HILL - GLENCOE Life Science 2005 Student Edition. Catalog #0000022337

MCGRAW-HILL - GLENCOE Life Science 2005 TWE. Catalog #0000052400

#### Highly Recommended Optional Items:

MCGRAW-HILL - GLENCOE Life Science Laboratory Manual, Student Edition. Catalog #0000032503.

MCGRAW-HILL - GLENCOE Life Science Laboratory Manual, Teacher Edition. Catalog #0000032504

MCGRAW-HILL - GLENCOE Life Science Study Guide and Reinforcement Answer Key. Catalog #0000032506

MCGRAW-HILL - GLENCOE Life Science Study Guide and Reinforcement, Student Edition. Catalog #0000032507

#### Pearson-Prentice Hall Option

This option is for students with a higher reading ability.

#### Required Books:

PEARSON - PRENTICE HALL Science Explorer: Life Science Student Edition 2007 Edition. Catalog #0000026215

PEARSON - PRENTICE HALL Science Explorer: Life Science Teacher Edition 2007 Edition. Catalog #0000026216

#### Highly Recommended Optional Items:

PEARSON - PRENTICE HALL Science Explorer: Earth Science, Life Science and Physical Science Inquiry Skills Activity Book II (Grade 7). Catalog #0000032339

PEARSON - PRENTICE HALL Science Explorer: Life Science Guided Reading and Study Workbook. Catalog #0000032524

## Pacing Guide

The topics and standards for this course have been divided between the two semesters.

Semester 1(Fall)	Semester 2 (Spring)
Scientific Investigation	Energy Flow
Cellular Aspects of Life	Communities and Ecosystems
Heredity and Genetics	Adaptations and Change Over Time
Classification of Living Things	Conservation of Living Resources
Plants and Photosynthesis	Human Body Topics
Animals	

In order to fulfill this pacing requirement, the recommended texts have been broken down by chapter. Covering the chapters in the order listed will insure that all topics on the final exam will be covered during the appropriate semester.

### *Harcourt Holt: Life Science*

Semester 1(Fall)	Semester 2 (Spring)
Chapter 1	Chapters 18
Chapters 2-4	Chapter 19 – 20
Chapters 5-6	Chapters 7-8
Chapters 9-11	Chapter 21
Chapters 12-13	Chapters 22-26
Chapters 14-17	

### *McDougal Littell: Life Science*

Semester 1(Fall)	Semester 2 (Spring)
Pages xxxviii - xliii	Unit D, Chapter 1
Unit A, Chapters 1-2	Unit D, Chapters 2
Unit A, Chapters 3-5	Unit B, Chapter 1, Chapter 3
Unit B, Chapter 2	Unit D, Chapter 3
Unit A, Chapter 2.2	Unit E, Chapters 1-4
Unit C, Chapter 2.2, Chapter 3	
Unit C, Chapter 2.3, Chapters 4-5	

### *McGraw-Hill/Glencoe: Life Science*

Semester 1(Fall)	Semester 2 (Spring)
Chapter 1	Chapter 24
Chapters 2-3	Chapters 25-26
Chapters 4-5	Chapter 6
Chapter 1	Chapter 27
Chapters 9-11	Chapters 17 - 22
Chapters 12-16	

**Pearson Prentice Hall: Science Explorer – Life Science**

<b>Semester 1(Fall)</b>	<b>Semester 2 (Spring)</b>
Chapters 1-2	Chapter 22
Chapter 3	Chapter 21
Chapters 4-5	Chapter 6
Chapter 7	Chapter 23
Chapter 8	Chapters 14-17, 19-20
Chapters 9-13	

**I-DEA Student Honor Code:**

With any form of valid proof of dishonesty with regard to student work or testing, the instructor may elect from a range of actions. Academic dishonesty could lead to a zero grade for the assignment or even failure for the entire course following consultation between the instructor, Secondary Supervisor, and Director.

All students must adhere to the **Honor Code**:

*“On my honor, I will maintain the highest possible standards of honesty, integrity and personal responsibility. This means I will not lie, cheat or steal, and as a member of this academic community, I am committed to creating an environment of respect and mutual trust.”*

**Seventh Grade Science Standards:**

[http://www.sde.idaho.gov/site/content\\_standards/science\\_standards\\_docs/ICSGrade7science.doc](http://www.sde.idaho.gov/site/content_standards/science_standards_docs/ICSGrade7science.doc)