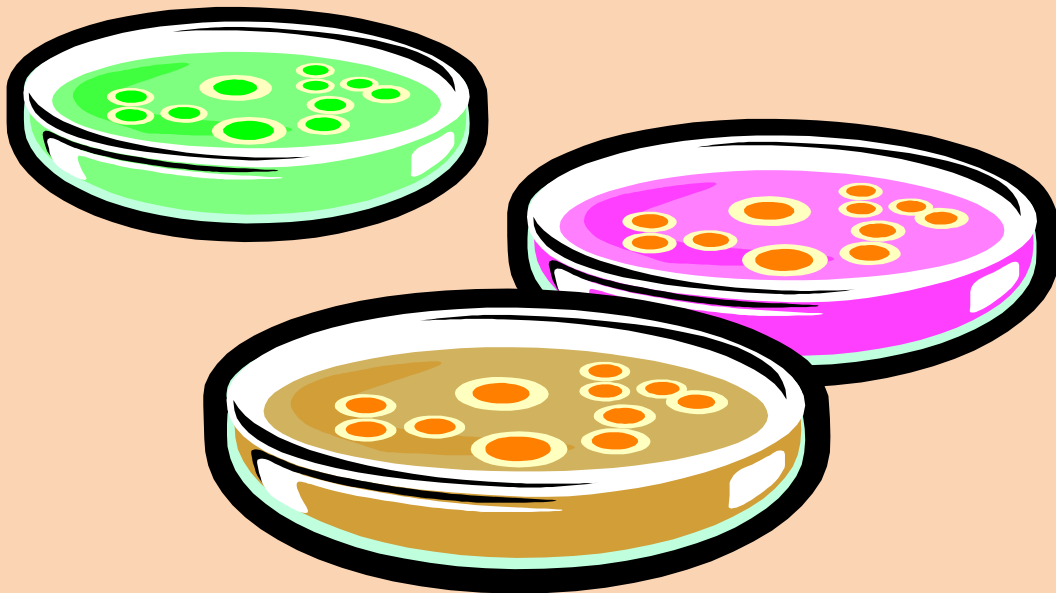




# Biology

Taught by Laura Nolette



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This high school Biology course was created in 2009 for my daughter and her friend to learn Biology.

This is not a product.

We are just sharing our own notes to inspire you in your own lesson planning.

I used *Apologia Exploring Creation with Biology* and did not add anything to the curriculum.

Warmly,  
Meredith Curtis & Laura Nolette  
[Meredith@powerlinecc.com](mailto:Meredith@powerlinecc.com)  
[Laura@powerlinecc.com](mailto:Laura@powerlinecc.com)



### **Textbook:**

*Apologia Biology, the Study of Life*

### **Assignments:**

Read Book, answer study guide questions, & summaries

Tests

Experiments, Dissections

Attend Weekly classes with Miss Laura

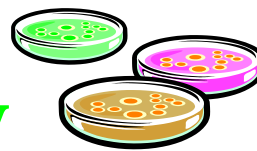
### **Grading:**

For a B grade, complete all classroom work and experiments. Test grades 80% or above.

For an A grade, complete all classroom work and experiments with excellence. Test grades 90% or above.



# Biology



## September

### I. Biology the Study of Life

Date

Time

**Week 1:** Read pp.1-16a

*On Your Own:* 1.1 – 1.5

*In Class:* 9/3/09 - Introduction

**Week 2:** Read pp.16b-32, Study Guide Questions 1

*On Your Own:* 1.6 – 1.10

*In Class:* 9/10/09 – Exp. 1.1, 1.2

### II. Kingdom Monera

Date

Time

**Week 3:** Summary #1, pp.545-546, Read pp. 37-49a

*On Your Own:* 2.1 – 2.8

*In Class:* 9/17/09 – Test, Module #1

**Week 4:** Read pp. 49b-62, Study Guide Questions 2

*On Your Own:* 2.9 – 2.14

*In Class:* 9/24/09 – Exp. 2.1, 2.2

## October

### III. Kingdom Protista

Date

Time

**Week 5:** Summary #2, pp.547-548, Read pp. 67-79a

*On Your Own:* 3.1 – 3.6

*In Class:* 10/1/09 – Test, Module #2, Exp. 3.1

**Week 6:** Read pp. 79b-92, Study Guide Questions 3

*On Your Own:* 3.7 – 3.16

*In Class:* 10/8/09 – Exp. 3.2, 3.3

#### IV. Kingdom Fungi

Date Time

**Week 7:** Summary #3, pp.549-550, Read pp. 93-108

*On Your Own:* 4.1 – 4.8

*In Class:* 10/15/09 – Test, Module #3, Exp. 4.1

**Week 8:** Read pp. 109-120, Study Guide Questions 4

*On Your Own:* 4.9 – 4.17

*In Class:* 10/22/09 – Exp. 4.2, 4.3, 4.4

#### V. The Chemistry of Life

Date Time

**Week 9:** Summary #4, pp.551-552, Read pp. 125-140a

*On Your Own:* 5.1 – 5.11

*In Class:* 10/29/09 – Test, Module #4, Exp. 5.1

## November

**Week 10:** Read pp. 140b-156, Study Guide Questions 5

*On Your Own:* 5.12 – 5.20

*In Class:* 11/5/09 – Exp. 5.2, 5.3

#### VI. The Cell

Date Time

**Week 11:** Summary #5, pp.553-554, Read pp. 161-169

*On Your Own:* 6.1 – 6.2

*In Class:* 11/12/09 – Test, Module #5

**Week 12:** Read pp. 179-179

*On Your Own:* 6.3 – 6.6

*In Class:* 11/19/09 –Make Cell Models, Exp. 6.1

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## December

**Week 13:** Read pp. 180-189, Study Guide Questions 6

*On Your Own:* 6.7 – 6.14

*In Class:* 12/3/09 –Exp. 6.2

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### VII. Cellular Reproduction and DNA

**Date** **Time**

**Week 14:** Summary #6, pp.555-556, Read pp. 195-209a

*On Your Own:* 7.1 – 7.5

*In Class:* 12/10/09 – Test, Module #6, Exp. 7.1

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## January

**Week 15:** Read pp. 209b-222, Study Guide Questions 7

*On Your Own:* 7.6 – 7.16

*In Class:* 1/7/10 –Exp. 7.2

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### VIII. Mendelian Genetics

**Date** **Time**

**Week 16:** Summary #7, pp.557-558, Read pp. 227-243

*On Your Own:* 8.1 – 8.6

*In Class:* 1/14/10 – Test, Module #7, 8.1

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**Week 17:** Read pp. 244-256, Study Guide Questions 8

*On Your Own:* 8.7 – 8.10

*In Class:* 1/21/10 – Exp. 8.2, 8.3, 8.4

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### IX. Evolution: Part Scientific Theory...

**Date** **Time**

**Week 18:** Summary #8, pp.559-560, Read pp. 261-277

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*On Your Own:* 9.1 – 9.7

*In Class:* 1/28/10 – Test, Module #8

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## February

**Week 19:** Read pp. 277-294, Study Guide Questions 9

*On Your Own:* 9.8 – 9.16

*In Class:* 2/4/10, **Watch Animals that Defy Evolution**

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### X. Ecology

**Date** **Time**

**Week 20:** Summary #9, pp.561-562, Read pp. 299-310

*On Your Own:* 10.1 – 10.6

*In Class:* 2/11/10 – Test, Module #9

*In Class:* **Watch Biological Evidence Against Evolution**

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**Week 21:** Read pp.311-324, Study Guide Questions 10

*On Your Own:* 10.7 – 10.13

*In Class:* 2/18/10 – Exp. 10.1

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### XI. The Invertebrates of Kingdom Animalia

**Date** **Time**

**Week 22:** Summary #10, pp.563-564, Read pp. 329-342a

*On Your Own:* 11.1 – 11.8

*In Class:* 2/25/10 – Test, Module #10, Exp. 11.1, 11.2

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## March

**Week 23:** Read pp. 342b-356, Study Guide Questions 11

*On Your Own:* 11.9 – 11.16

*In Class:* 3/4/10 – Exp. 11.3, 11.4

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### XII. Phylum Arthropoda

**Date** **Time**

**Week 24:** Summary #11, pp.565-566, Read pp. 361-378a \_\_\_\_\_

*On Your Own:* 12.1 – 12.9 \_\_\_\_\_

*In Class:* 3/11/10 – Test, Module #11 \_\_\_\_\_

**Week 25:** Read pp. 378b-389, Study Guide Questions 12 \_\_\_\_\_

*On Your Own:* 12.10 – 12.15 \_\_\_\_\_

*In Class:* 3/18/10 – Exp. 12.1, 12.2 \_\_\_\_\_

**XIII. Phylum Chordata** **Date** **Time**

**Week 26:** Summary #12, pp.567-568, Read pp.393-406a \_\_\_\_\_

*On Your Own:* 13.1 – 13.14 \_\_\_\_\_

*In Class:* 3/25/10 – Test, Module #12, **Watch Blue Planet** \_\_\_\_\_

## April

**Week 27:** Read pp.406b-423, Study Guide Questions 13 \_\_\_\_\_

*On Your Own:* 13.15 – 13.24 \_\_\_\_\_

*In Class:* 4/1/10 – Exp. 13.1, 13.2, 13.3 \_\_\_\_\_

**XIV. Kingdom Plantae: Anatomy & Classification** **Date** **Time**

**Week 28:** Summary #13, pp.569-570, Read pp. 429-443 \_\_\_\_\_

*On Your Own:* 14.1 – 14.10 \_\_\_\_\_

*In Class:* 4/8/10 – Test, Module #13, Exp. 14.1 \_\_\_\_\_

**Week 29:** Read pp. 444-458, Study Guide Questions 14 \_\_\_\_\_

*On Your Own:* 14.11 – 14.22 \_\_\_\_\_

*In Class:* 4/15/10 – Exp. 14.2, 14.3 \_\_\_\_\_

**XV. Kingdom Plantae: Physiology & Reproduction** **Date** **Time**

**Week 30:** Summary #14, pp.571-572, Read pp. 463-475 \_\_\_\_\_

*On Your Own:* 15.1 – 15.9 \_\_\_\_\_



*In Class:* 4/22/10 – Test, Module #14

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**Week 31:** Read pp. 510b-524, Study Guide Questions 15

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*On Your Own:* 15.10 – 15.19

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*In Class:* 4/29/10 – Exp. 15.1, 15.2

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## May

### XVI. Reptiles, Birds & Mammals

**Date**

**Time**

**Week 32:** Summary #15, pp.573-574, Read pp. 495-509

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*On Your Own:* 16.1-16.14

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*In Class:* 5/6/10 – Test, Module #15, Exp. 16.1

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**Week 33:** Read pp. 510-526, Study Guide Questions 16

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*On Your Own:* 16.15-16.25

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*In Class:* 5/13/10 – Exp. 16.2

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### XVII.

**Date**

**Time**

**Week 34:** Summary #16, pp.575-576, review

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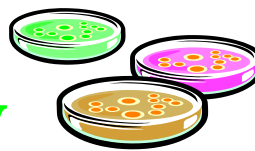
*In Class:* 5/20/10 – Test, Module #16

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Dissection Labs notated in Pink letters



# Biology



## Hours Check-Off Chart


We hope you enjoyed these "Good Old Days" lesson plans that we used to homeschool our children years ago. They are compliments of Powerline Productions.

## Our Websites



[powerlineprod.com/](http://powerlineprod.com/)  
[meredithcurtis.com/](http://meredithcurtis.com/)  
[joyfulandsuccessfulhomeschooling.com/](http://joyfulandsuccessfulhomeschooling.com/)  
[jshomeschooling.com/](http://jshomeschooling.com/)  
[finishwellcon.com/](http://finishwellcon.com/)

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[currclick.com/browse/pub/247/Powerline-Productions](http://currclick.com/browse/pub/247/Powerline-Productions)

Contact Us: [Laura@powerlinecc.com](mailto:Laura@powerlinecc.com) & [Meredith@powerlinecc.com](mailto:Meredith@powerlinecc.com) &  
[PastorMike@powerlinecc.com](mailto:PastorMike@powerlinecc.com)

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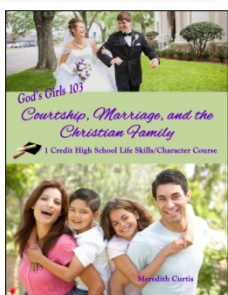
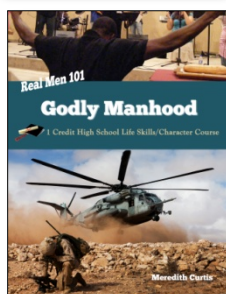
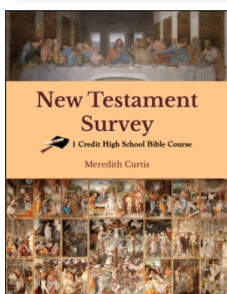
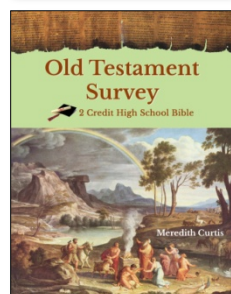
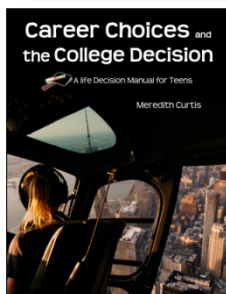
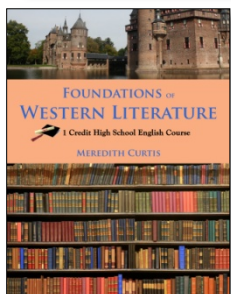
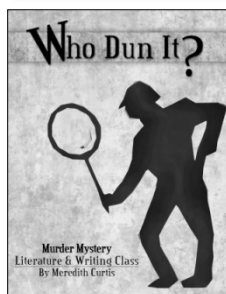
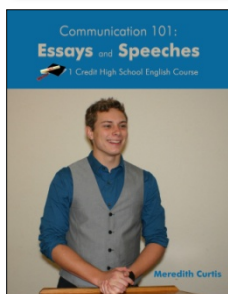
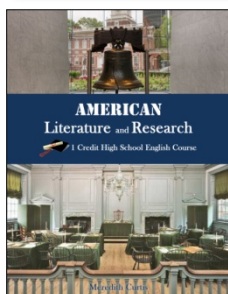
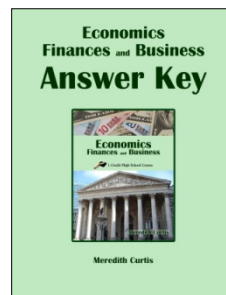
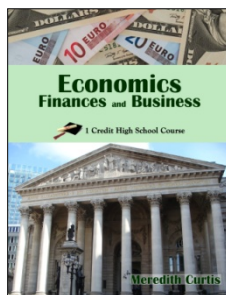
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