

Picture of Okefenokee Swamp taken by Pamela Majdi

Preface

In the state of Georgia all early childhood education majors are required to take four science classes. Two of these classes that fit in field of study area are Integrated science: life and earth science and integrated science: physical science. All students have to take GACE II exam for their teacher certification after completing student teaching. Student will encounter integrated science questions in this exam. Certified teachers are required to teach/cover standards of excellence for k-5 that can be found here: <https://www.georgiastandards.org/Georgia-Standards/Pages/Science-K-5.aspx>

This book is designed to expose the students to many of the topics that they are expected to teach. This book also utilizes links to YouTube videos to cover some topics.

This book has combined materials from five different OERs. These include;

Physical Geography and Natural Disasters by R. Adam Dastrup, MA, GISP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0

OpenStax College, *Concepts of Biology*. OpenStax College. 25 April 2013. <<http://openstaxcollege.org/textbooks/concepts-of-biology/get>>

[Physical Geology](http://opentextbc.ca/geology/) by Steven Earle used under a [CC-BY 4.0](http://creativecommons.org/licenses/by/4.0/) international license.

<https://openstax.org/details/books/biology-2e>

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Some instructors consider astronomy part of earth science others consider it as a part of physics. For our purpose, we will let it be covered along with physics.

It is our hope that this OER book will reduce the cost of textbooks for early childhood education majors.

Table of contents

Chapter 1. The scientific Method Page 1

Chapter 2. Life, Cells and Metabolism page 10

Chapter 3. Nucleic Acids and Genetics Page 62

Chapter 4. Prokaryotes, Protists, Fungi and Plants Page 104

Chapter 5. Animals Page 171

Chapter 6. Ecology Page 212

Chapter 7. Minerals page 290

Chapter 8. Rocks Page 310

Chapter 9. Internal Structure of Earth Page 326

Chapter 10. Theory of Plate Tectonics Page 336

Chapter 11. Plates Motions and Plate Boundary Processes Page 352

Chapter 12. Earthquakes Page 336

Chapter 13. Volcanoes page 403

Chapter 14. Weathering page 435

Chapter 15. Landforms Page 479

Chapter 16. Surface Water Page 490

Chapter 17. Oceans Page 531

Chapter 18. Weather Page 550

Chapter 19. Geologic Time Page 653