Integrated Biological and physical Science SC 201

Ihanktonwan Community College Monday 5-9pm

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**Class Objectives**

-make observations, design investigations, and draw conclusions based on data and observations

-develop an awareness of the Lakota perspective on land, the plant nation, and the animal nation

-analyze patterns that occur in nature

-practice teaching methods in preparation for the PRAXIS test required for teacher certification

-analyze scientific facts and processes incorporated in the stories that are included in the science content knowledge of the PRAXIS test

**Books**

Caduto, M. & J. (1991). Keepers of Life. Golden, CO: Fucrum Publishing

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**Schedule:**

**Keepers of Life**

8/27 Chapter 3

9/3 no class

9/10 Chapters 4,5,6

9/17 Chapters 7,8,9

9/24 Chapters 10,11

10/1 Chapters 12,13

10/8 no class

10/15 Chapters 14,15

**Keepers of Animals**

10/22 Lesson Presentation for Keepers of Life/ Chapter 3

10/29 Chapters 4,5,6

11/5 Chapters 7,8,9

11/12 Chapters 10,11,12

11/19 Chapters 13,14,15

11/26 Chapters 16,17

12/3 Lesson Presentation for Keepers of Animals

**Points:**

**Attendance**-25 points Daily

**Story Summaries**-25 points (summary of all stories and reactions)

**Lesson plans**-25 points Daily

**Homework questions-**2 points each question-weekly assignment may vary from 10-30 points

**Lesson presentations**-100 points (one from each book)

**Science Content Notes**-10 points Daily

**Story Summaries**

Chapter summaries will be written for every chapter assigned. These must be completed on time with a summary and a reaction as we will have a class discussion over them at the beginning of each class.

**Lesson plans**

Lesson plans will be written for one chapter of your choice from each class period due the next class period. Each lesson will be written in the Madeline Hunter methods utilizing Bloom’s taxonomy in the objectives. Each lesson must include one method of differentiation to accommodate a student with special needs. The lessons may be written to the level of education you plan on teaching and will be presented to the class.

**Lesson presentations**

A lesson will be presented from each book. The lesson will include the lesson plan formats you have used throughout the semester. You will teach us as you would teach your own class. I will expect you to accommodate at least three different learning styles for these lessons. (For example, the audio, visual, spatial….)I will be going over and handing out a rubric for your lessons prior to their due dates.

**Grading Scale:**

100-90 A

89-80 B

79-70 C

69-60 D

Below 60 F

Extended time will not be granted past finals week unless arrangements are made ahead of time with a valid reason.

Grade changes will not be granted without a class completion contract that is approved by me and the college administration.

**I reserve the right to adjust this schedule as I deem necessary.**