

Resources:

- 1) Handouts
- 2) Websites
- 3) IGW

CHESIE  
Science Schedule  
Group 4A & 4B Ecology Unit

- 10/20 Food chains, food webs, producers, consumers, decomposers –Build the food chain game at this website:  
<https://www.cserc.org/sierra-fun/games/build-food-chain/>  
Prior to class  
Read: 1) energy flow in an ecosystem 2) why are decomposers important? 3) Food chain 4) flow of energy  
Complete: homework questions for week #1 on food chains  
Website reading: Further reading to challenge the 5<sup>th</sup> & 6<sup>th</sup> graders can be found at this website. Please read the information on food chains & populations for this week.  
[http://www.geography4kids.com/files/land\\_foodchain.html](http://www.geography4kids.com/files/land_foodchain.html)  
Classtime: Creating strong food chains & food webs
- 10/27 Biomes of the World  
Prior to class:  
Read: 1) introduction to ecology 2) community 3) niche 4) Biome maps & biosphere  
Complete: homework questions for week #2 from the handouts  
Website reading: Power point on biomes including great pictures of the animals found at each one. <https://slideplayer.com/slide/6496211/>  
Classtime: Biome mapping
- 11/3 Water cycle/watersheds  
Prior to class:  
Read: handout on watersheds and water cycles  
Complete: answer questions on homework page #3  
Website: Learn about the Chesapeake Bay Watershed by watching the two videos below:  
[https://www.youtube.com/watch?time\\_continue=72&v=JuNBP3UYykg](https://www.youtube.com/watch?time_continue=72&v=JuNBP3UYykg)  
Also, this documentary on life in the Chesapeake Bay  
[https://www.youtube.com/watch?v=SfBZ6a6E\\_i4](https://www.youtube.com/watch?v=SfBZ6a6E_i4)  
Classtime: Water Cycle & watershed studies using an enviroscape
- 11/10 Ecology Reports for groups 4A & 4B due today  
See handout for project details  
Classtime: Students to read their reports today



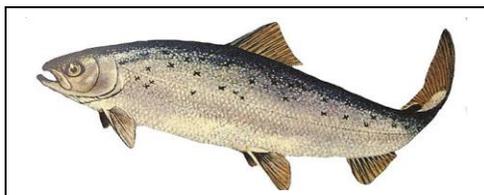
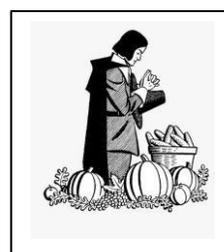
## OCEANOGRAPHY/MARINE SCIENCE UNIT

- 11/17 Introduction to oceanography: the creation of ocean animals  
Guest instructor: Mr. Pat Roy  
Classtime: God created the animals, Genesis 1:20  
Prior to class:  
Read Investigating God's World p 124-128  
Complete: Comp check 5.1 p126 & 5.2 p129

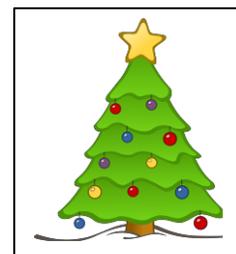


- 11/24 No class, Thanksgiving vacation

- 12/1 Ocean Floor, Open Ocean  
Reading: Handout on the Life Cycle of Salmon  
Reading: Investigating God's World p 133-136  
Complete: Comprehension check 5.4 p136  
Classtime: A game that simulates the long journey of salmon



- 12/8 Perch anatomy  
Read the handout on Perch anatomy  
No written work for today  
Classtime: Perch dissection
- 12/15 Beauties of the coral reef, seafaring mammals  
Prior to class: Read: IGW p137-142  
Complete: Comprehension check 5.5 p139 & 5.6 p142  
Classtime: Oceanography videos and Christmas snacks



- 12/22 **CHRISTMAS VACATION, NO CLASS**  
12/29 **NEW YEAR'S VACATION, NO CLASS**

**NO HOMEWORK OVER CHRISTMAS AND NEW YEAR'S BREAK**

- 1/5 Review games over the first semester's material  
No homework for class today

*16 So they hurried off and found Mary and Joseph, and the baby, who was lying in the manger. 17 When they had seen him, they spread the word concerning what had been told them about this child, 18 and all who heard it were amazed at what the shepherds said to them. 19 But Mary treasured up all these things and pondered them in her heart. 20 The shepherds returned, glorifying and praising God for all the things they had heard and seen, which were just as they had been told. Luke 2:16*

