

BIO 300- REPRODUCTION (PAGE 484-509)

Key Vocabulary Terms

1. alternation of generations
2. binary fission
3. budding
4. conjugation
5. endosperm
6. estrus
7. follicle
8. flower
9. fragmentation
10. gametophyte
11. hermaphroditic
12. hormone
13. menstrual cycle
14. menstruation
15. ovary
16. oviduct
17. ovulation
18. ovule
19. penis
20. pollination
21. regeneration
22. scrotum
23. sporophyte
24. semen
25. testes
26. uterus
27. vagina
28. vegetative reproduction

Homework Assignments

Assignment #1 due-

- Read 484-487 do # 1,2,3,5

Assignment #2 due-

- Read Life Without Sex (Science News 06/29/03)
Based upon what you have learned so far about sources of variation in population write a paragraph on how bdelliod rotifers have survived for millions of years without sexual reproduction. Make sure you include the unique source of variation that has helped them survive. You can get the article at

www.darienps.org/teachers/otterspoor/notes/lifewithoutsex.pdf

Assignment #3 due-

- Make a one page fact sheet for asexual reproduction

Assignment #4 due-

- Read 488-496 do # 1,2,3,5
- Do #4 on a separate piece of paper

Assignment #5 due-

- Make a one page study guide for plant reproduction

Assignment #6 due-

- Read 497-505 do # 1,2,3,4,5

Assignment #7 due-

- Make a one page study guide for sexual reproduction

Assignment #8 **due by-** _____

- Write a 5 paragraph persuasive essay that argues for the best kind of reproduction. You will need to make three major arguments for your decision. See rubric on back.

www.darienps.org/teachers/otterspoor/

Persuasive Science Essay Evaluation Rubric

Name: _____

Final Score: _____

This analytic rubric is used to verify specific tasks performed when producing a persuasive essay. If the task has been successfully completed, all points are awarded. If the task is mostly complete half points may be awarded. No points are awarded if the task is not attempted.

Category	Scoring Criteria	Points	Student Evaluation	Teacher Evaluation
Introduction 20 points	A thesis statement makes the purpose of the essay clear. <i>(Thesis statements do not begin, "this essay is about".)</i>	10		
	Background information is provided to establish the importance of the essay topic. <i>(Examples include definitions of key terms or a short outline of a complicated concept.)</i>	10		
Body 30 points	Three body paragraphs, one for each argument.	10		
	Each argument is supported with scientific fact, not just what you feel. (your opinion doesn't matter, unless supported)	10		
	Information in the essay is presented in the student's own words, not "cut and pasted" from research sources. <i>(Any complex terms must be explained)</i>	10		
Conclusion 20 points	Student's thoughts presented in the essay are summarized. <i>(This is your chance to emphasize the point of the essay.)</i>	10		
	The most important supporting information is restated. <i>(What do you want the reader to remember?)</i>	5		
	No new information is introduced.	5		
Overall 30 points	The essay is printed double spaced using Times New Roman or Arial 12-point font on white paper using black ink with 1-inch margins around all edges.	10		
	First person" statements in the essay are supported by outside sources	10		
	There are no spelling errors or visible corrections. <i>(Proofreading is required - even with spellcheck.)</i>	5		
	There are no obvious grammar or punctuation errors. <i>(Such as the use of "their - there", and "to - too - two")</i>	5		
Score	Total Points	100		
Self-evaluation	Students are expected to honestly evaluate their own work. If the difference between the student evaluation and the teacher evaluation is more than 10 points, 5 points will be deducted from the final score when the grade is recorded.			
Deadline	All turned-in assignments will be completed by the assigned deadline. Essays submitted the day after the deadline will receive 3/4 credit. Papers turned after that time will be mulched for use in the greenhouse. The due date for this assignment is: _____			