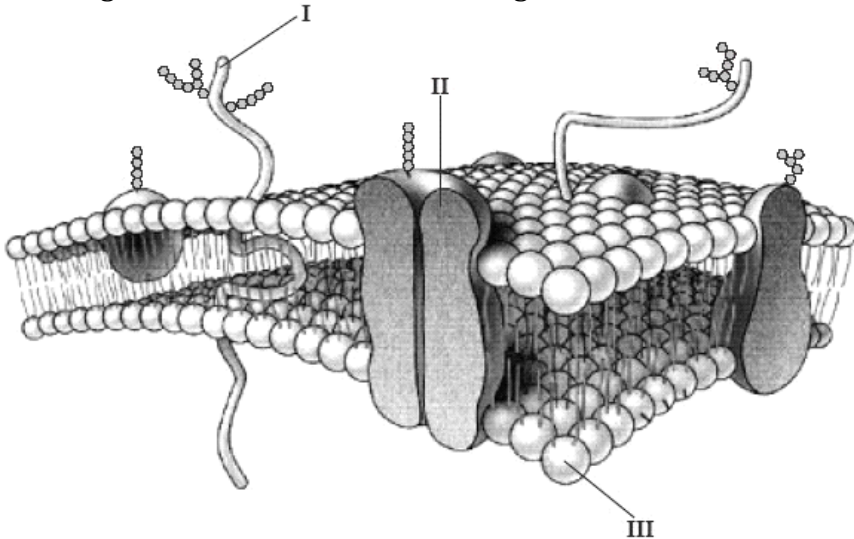


APSI Day Four Agenda

Friday-AM

Warm-Up Question (5 Minutes)

The diagram shows a model of a biological membrane. What do labels I, II, and III illustrate?



	I	II	III
A.	Integral protein	Peripheral protein	Hydrophobic phosphate head
B.	Peripheral protein	Glycoprotein	Hydrophilic phosphate head
C.	Glycoprotein	Integral protein	Hydrophilic phosphate head
D.	Glycoprotein	Peripheral protein	Hydrophobic phosphate head

Activity (75 Minutes)

Syllabus Development. Calling upon the information you were presented this week, along with the information presented in the Workshop Workbook, either start constructing or amend your syllabus. Use pages 72-93 to help guide you in the construction of your syllabus. Pay special attention to the checklist questions on pages 72-75. I found it helpful to read through these questions and answer as many as I could before building my syllabus. After completing the syllabus, go back through and complete the checklist again. You can also use the information presented on pages 285-301 to make sure you are fulfilling the requirements for your syllabus. Additionally, there are some sample syllabi that you can use as your own, or amend to better fit your needs. These can be found on pages 301-349. An online tutorial for syllabus development and the course audit can be found here:

<http://www.collegeboard.com/html/apcourseaudit/courses/biology.html>

Break (15 Minutes)

Activity (75 Minutes)

Teacher Community

Becoming a member of the AP Biology teaching community. Go here:

<https://apcommunity.collegeboard.org/>

Course Audit

In addition to working on your syllabus (above), you will also learn how to complete the course audit. Go to the following address: <http://www.collegeboard.com/html/apcourseaudit/index.html> Set up an account by clicking on the link at the right of the page. Complete the account registration by filling in the appropriate information. Submit your syllabus and await approval/feedback.

Alternate Activities (Time TBD)

Photosynthesis Lab
Discuss the labs.
POGIL activities
HHMI Biointeractive
Class suggestions

Lunch (60 Minutes)

Friday-PM

Afternoon Labs (180 Minutes)

Finish Onion Mitosis Lab (Big Idea 2)
Meiosis Activity—with *Sordaria* cards and/or Reebops (Big Idea 2)
Predator-Prey Simulation Lab (Big Idea 4)

Answer these questions:

1. What did I learn about the lab(s) today?
2. What are/were the key ideas?
3. What are some ways I can incorporate this into my classroom along with inquiry? If there are no ways to incorporate it, why not?
4. What did I understand well?
5. What do I need from others to help me so I understand it better?
6. How does it related to other areas of the curriculum?
7. What suggestions would you make to a colleague who has to do these activities in a non-lab based classroom?