

STUDY SKILL76
(PLANNING, ORGANIZATION,
TIME MANAGEMENT, ACTIVE
STUDYING)

Planning: the ability to see the individual steps in an assignment or task

■ **Classroom Discussion:**

- *What are the parts of a good plan?*
- *How do you know if a plan is any good?*
- *How do we use planning in this class?*

■ **Apply:** Make a plan for your week on a piece of paper

- *When will you eat?*
- *What is your school schedule?*
- *When do you have extracurriculars scheduled?*
- *When will you do homework/study?*
- *When will you do something for yourself?*

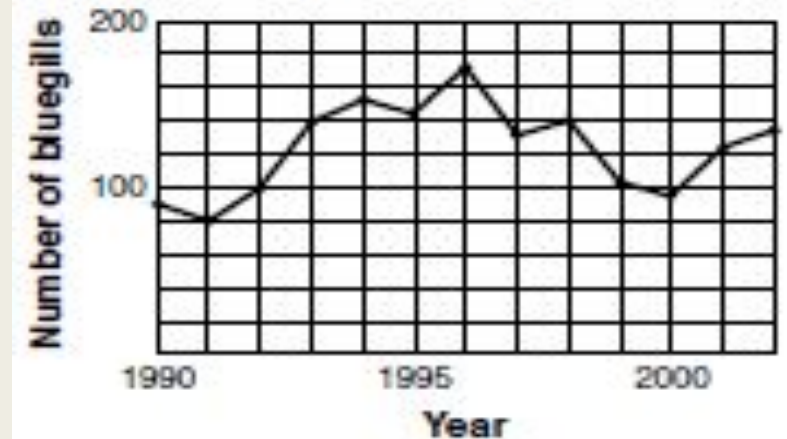
Study Skills: How do you prepare for assessments? Assessments can be...

- Multiple choice or short answer tests
- Oral exams
- Lab reports
- Essay
- Multimedia presentations
- Reflections of learning

How are H.S. assessments different then M.S. assessments?

- More information is assessed
- Students need to think critically & apply knowledge to novel scenarios

**Bluegill Population in Farm Pond
1990–2002**



According to the data in the graph, during which time period did the overall bluegill population decline?

- A 1990–1993
- B 1993–1996
- C 1996–1999
- D 1999–2002

Organization: the ability to keep track of information and materials

Time management: the ability to use time effectively.

■ **Organization Class Discussion:**

- *Do you take the time to organize your work? Are you satisfied with your level of organization? How does being disorganized/organized affect your grades and your stress level?*
- *What are some good organization strategies that people have tried? Which of these strategies could/will work for you?*

■ **Time Management Class Discussion:**

- *Do you use your time effectively? What are some things that cause you to waste time / be distracted?*
- *What are some good time management strategies that people have tried? Which of these strategies could/will work for you?*

■ **Apply:** Make a plan for how you will stay organized and use your time effectively.

- *How will you organize your schedule? How will you organize deadlines/due dates?*
- *How will you organize your class materials? How will you organize the rest of your stuff?*
- *How will you organize your physical space?*
- *How will you avoid distractions? What strategies will you use to use your time effectively?*

Teachers want their students to succeed! Here are some ways we try to help:

- Blackboard
- Google Classroom
- Review Sheets
- Return/after school study sessions
- Suggested YouTube stations or extra practice

How can you help yourself?

- Check Blackboard/Google Classroom
- Do homework without distractions
- Form study groups with other students
- Ask the teacher for extra help
- Find good YouTube channels that review information
- Use Quizlet or another website to help review
- Go over old quizzes before tests
- Utilize active studying techniques
- Study without being distracted by your phone/computer/tablet!

Most kids study by...

- Reading over their notes passively.
- Let's try it out! You have 30 seconds to stare at the list of words on the next page – your goal is to try to remember them.

Were you successful?

- Write down the words you remember –
how did you do?

Let's try active studying.

- Look at the words on the next slide – what categories do they fit into?
- Add those categories to the top of a piece of paper. Do not write down any of the words yet!
- Take 30 seconds to group the words into categories.



Horse

Chicken

Plate

Hyena

Cup

Zebra

Spoon

Lion

Spatula

Turkey

Fork

Cow

Pig

Giraffe

Bowl

Let's try active studying.

- Now, take 30 seconds to group the words into categories and write them down.



Horse

Chicken

Plate

Hyena

Cup

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Pig

Giraffe

Bowl

Were you successful?

- Write down the words you remember –
how did you do?

What helped?

- Brainstorming in groups
- Classifying information into your own schema
- Actively writing down the information

Online class materials: Blackboard

Announcements

New Announcements appear directly below the repositionable bar. Re positionable bar to pin them to the top of the list and prevent new announcements from appearing. Students do not see the bar and cannot reorder announcements.

Create Announcement

New announcements appear below this line

A tip for the lab!

Posted on: Monday, September 23, 2019

If it asks for temperature, use 20, 21

9/16 Agenda & HW

Attached Files:

- PreLab.Osmosis.Diffusion.2018.docx (111.044 KB)
- Lab 1-Osmosis Diffusion 2018.edited.docx (95.551 KB)
- SA.Vol.jpg (105.978 KB)

Agenda:

- Review (practice questions, go over Cell HW)

Quiz

- SA:Vol Review on Big Sheet
- SA:Vol and Specialization Activity (on GC)
- Go over Lab for next class

HW:

1. FINISH Pre-Lab! You MUST have this done to start the lab with your group! (Due Wed) ****also, wear close toed shoes!
2. MKP 7.2 & 7.3 (Due Wed)

Online class materials: Google Classroom



Biology 1 2019-2020

1st



Stream

Classwork

People

Grades



Create



Google Calendar



Class Drive folder



Day 11 Warm-up on Experimental Design

Scheduled for Tomorrow, 8...



Day 10: Review Evidences

Posted Sep 23

Active studying: Quiz yourself

- Online practice
 - Quizlet: <https://quizlet.com/>
 - Jlab (practice SOL questions):
<https://educationjlab.org/solquiz/>
 - AP central (practice AP questions):
<https://apcentral.collegeboard.org/>
- Go over old quizzes
- Test Prep book

Active
studying:
Write it out

Summary
Notebook

Cellular Respiration

10/23/2018

① Glycolysis

Produces: 2 pyruvate, 2 ATP (net gain), 2 NADH

Occurs in the cytoplasm

Does not require O_2



a 6 carbon molecule is turned
into a three carbon molecule

② Krebs cycle (Citric Acid Cycle)

Pyruvate enters mitochondria through Active Transport

Oxidation of Pyruvate

↳ Releases CO_2 & NADH

↳ Results in a 2 Carbon molecule

2 Carbon molecule + Acetyl Coenzyme

① 6 Carbon molecule

↳ creates 2 CO_2 , 3 NADH, 1 $FADH_2$, 1 ATP
per cycle

② Left with a 4 carbon molecule that adds
to the 2 carbon + CoA to repeat cycle

③ Electron Transport Chain (ETC)

① NADH & $FADH_2$ drop off electrons @
ETC

② e^- moves from protein to protein (High → low energy)
increasing electronegativity

③ Energy from ETC powers protein pump, H^+ (protons)
pump up in the inter membrane space (High H^+ [])

④ Protons flow from inter membrane space to
the mitochondrial matrix through ATP synthase
(water) causing it to spin like a mill

⑤ This powers the connection of ADP and
 P_i to create ATP: approx 34-36 total ATP
Leftover protons (H^+) join with oxygen to
form H_2O !

Oxidative phosphorylation
Chemiosmosis

Talk it out and/or listen to someone else explain:

- Talk to yourself
- Talk to friends (study groups)
- Make a family member listen to you explain
- Watch videos to review
- Example: Khan Academy:
https://www.youtube.com/results?search_query=khan+academy+scientific+method

Reflect... and discuss as a class

- How do you currently study for tests? Is this method working for you?
- Which of the active study strategies work best with the way you learn?
- Which of the active study strategies do you plan on trying before your next big assessment?
- How can teachers help you succeed?
- How can you help yourself succeed?

Apply:

- Pick the class that you need to review for the most.
- Utilize one of the active studying strategies discussed on the previous slides (creating a quizlet, re-writing materials, talking it out, etc.) and use it to create a review for yourself in a class you are struggling with.
- Show your review to your teacher and share with your classmates.
- Have extra time? Create another review for a different class!