

A photograph of a desk setup. On the left is a black and silver scientific calculator with a green LCD screen. Above it is a white pen with a blue grip and the text 'Ultra Round 31k Grip'. To the right is a silver and black computer mouse. The items are on a stack of white papers on a wooden desk. The text 'Succeed in Math' is overlaid in the center in a blue, sans-serif font.

Succeed in Math

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What Would You Do

If you wanted to be a
successful...

Athlete? Dancer? Musician? Artist?

Would you...

Listen to a lecture?

Read a book?

A photograph of a white and black scientific calculator on the left, a black computer mouse on the top right, and a white and blue marker on the bottom right, all on a white surface. The title 'Math is a Skill' is centered in blue text.

Math is a Skill

- Like athletics, music, dancing, and art, math is a skill
- Skills must be *learned* and *practiced*
- People take varying amounts of practice to get good at particular skills

Participate in Class

- Sit near the front
- Introduce yourself to other students
- **Review** and **Preview** before class starts
- Take good notes
 - Write down everything the instructor writes on the board
- Ask questions
- Work at least a few problems right away after lecture

Homework

- Work problems as soon as possible after lecture
- Do most recently assigned homework first
- Write out each step.
Use lots of paper



More About Homework

- Work problems without looking at the solution
- Don't stay stuck
 - Create a model - a simpler, similar problem
 - Write what you *do* know
 - Research in your text or online
 - Move on and come back to the problem
- Work extra problems for additional practice

A collage of study-related items including a calculator, a computer mouse, and a marker. The calculator is on the left, the mouse is at the top right, and a marker is at the bottom right. The word 'Studying' is written in blue text in the upper center.

Studying

- Create cram cards
- Make a practice test
- Review previous tests and quizzes
- Preview upcoming material
- Review the basics

More About Studying

- Teach concepts to someone else
- Annotate your notes
- *Read* your text
- Make a vocabulary list

DIBBLE By Kevin Fagan





Study Cycle: Part 1

Class Preparation and Processing

1. Preview material before class
2. Go to class and *participate actively*
3. Review and process notes

Study Cycle: Part 2

50-Minute Study Sessions

1. Set a GOAL for this session
2. Study with FOCUS and ATTENTION
 - No multi-tasking!
3. Take a break
4. Review previous session
5. Repeat

“Story Problems”

- Read the whole problem
- What important data is given?
 - Make a list
 - Draw a picture of the situation
- What is the question ?
 - Read the whole problem again
 - What is being asked?
- How will you get the answer?
 - Read the problem again
 - Develop a plan
- Carry out the plan
 - “Do the math”
- Ask yourself, “Does the answer make sense?”



Math Resources

- Your Instructor
- GHC Learning Center
- Classmates
- Interact Math
 - www.interactmath.com
- ModuMath
- Intelligent Tutor CDs

More Math Resources

- Learning Links
 - www.ghc.edu/t3/learninglinks.htm
- Grasp Math DVDs
- Solutions Manual
- Old Texts
- You Tube
- Google