

### Planning

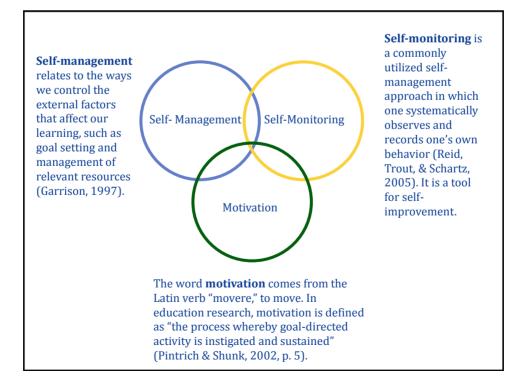
- Model appropriate planning.
  - Let the students see how you operate in your discipline.
  - Focus on how to plan as well as how to make changes if necessary.
- Allow students to create their own plan
  - Give extensive feedback
  - Require self-reflection.
- Planning should always be a central element of the activity.

## Applying Strategies and Monitoring Performance

- Provide simple heuristics for self correction.
- Require self-assessments
- Reflection and annotation of work
- Peer Review

# Reflect and Adjust

- Require formal analysis for every project and activity.
- Use prompts for analysis of learning.
  - What type of error occurred
  - How did they come to their conclusion (e.g., what research did they use; what inventory did they apply etc.)
  - What will they do differently
- Demonstrate multiple approaches to conceptualize a problem or task.
- Focus on strategizing rather than just outcome.



- For each of the following cases, consider the following questions:
  - To better understand this situation, is there further information you need?
  - How does the student's behavior reflect his/her:
    - self-monitoring;
    - self-management;
    - expectancy for success and value of their learning?
  - Are there steps you would take next?
  - What instructional techniques can you use to influence their self-direction?

#### Case A The "A" Student

I was exhausted from reading and grading twenty-five papers over the weekend, but was glad to be able to hand the papers back so quickly. The paper was supposed to evaluate emergent research for application in a professional setting. After I turned back the assignment, one of the interns approached me and insisted she needed to talk with me "immediately" about her grade. Her work was a typical first paper of this kind. Rather than evaluating the evidence she presented in the paper, she simply summarized several research articles in her topic area. Her paper lacked a clearly articulated argument, and there was only weak evidence to support what I could infer was her main point. She explained that she was a "gifted" writer who received "A"s on most of her collegiate writing, and that her mother, a high school English teacher, had read the paper and thought it was excellent. The intern admitted that she worked best under pressure, "That's just how my creative juices flow".

#### Case #B The Hamster Wheel

On his second case-study assignment, John only scored a 70%. It was mystifying because he attended every class and meeting, sitting attentively, and taking copious notes. He pored over the materials, documentation and professional guidelines he needed to apply in a professional setting. His description and diagnosis of the problem and symptom statements were poorly justified and constructed. His first case study was not very good either, though he wasn't alone in that regard. By this time however, he should have learned what to expect and how to present his case in writing. When I asked John what happened he, too, seemed perplexed. He said he had studied for weeks, showing me the glowing yellow pages where he highlighted relevant content. He used notecards for prompts as he wrote his case summary. He even memorized various terms by using flashcards. When I asked where he learned this approach, he said it had been working for him for years, as he was preparing for traditional tests.

