DoL 5
PRODUCTIVE HABITS OF MIND

Self-regulated thinking is to:
Be aware of their own thinking.
Plan.
Be aware of necessary resources.
Be sensitive to feedback.
Evaluate the effectiveness of their own actions.

Critical thinking is to:
Be accurate and seek accuracy.
Be clear and seek clarity.
Be open-minded.
Restrain impulsivity.
Take a position when the situation warrants.
Be sensitive to the feelings and level of knowledge of others.

Creative thinking is to:
Engage intensely in tasks even when answers or solutions are not immediately apparent.
Push the limits of their knowledge and abilities.
Generate, trust, and maintain their own standards of evaluation.
Generate new ways of viewing a situation outside the boundaries of standard conventions.

There are two ways to slide easily through life;
to believe everything or to doubt everything.
Both ways save us from thinking.”

PRODUCTIVE HABITS OF MIND

• are mental habits (self-regulation, critical and creative thinking) required for effective and efficient self-directed learning.

HOM have been internalized by students who are self-directed learners--they appear to use HOM automatically.

• are one of the five dimensions or ways of thinking related to learning.

• are dispositions or attitudes toward learning.

Our goal is to develop self-directed learners who take responsibility for their own learning, who exhibit autonomy and control over their own learning.
are related to Metacognition which can be defined as thinking about thinking. Metacognition involves the disposition to question, to doubt, to double check. Metacognition can increase learners competence and confidence in performing complex thinking tasks. They know what to do, how to do it, when they are not getting it,” and what to do to increase their understanding or ability to complete the task.

are sometimes referred to as learning-to-learn strategies because these ways of thinking enable learners to plan, monitor, and revise their learning.

require students’ awareness, reflection, analysis, and regulation of their own approaches to learning. Knowing what we know and what we don’t know is a uniquely human trait.

are probably acquired by the more able students with or without direct instruction. The less able students who are lacking in HOM need for the skills to be directly taught and need practice using the skills. HOM are acquired most efficiently when they use the skills to learn subject matter.

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