

# Intentional Learners

For students to learn and perform well in mathematics they must be intentional learners. An Intentional learner is an individual who seeks to understand the material by

- A) Reading the book (most important for future success in high level courses, and retention of material)
- B) Looking up online resources typically video's when needed. ( Youtube, khan academy etc...)
- C) Does most of the work that is assigned
- D) Remains focused for the majority of the class period
- E) Reviews material they are supposed to have a working knowledge of, that they have forgotten
- F) Persists on problems when stuck, if a students is truly learning they are going to have times when they get stuck
- G) Does not have a mindset of doing the minimum to pass the class
- H) Have an understanding that doing homework is not studying, studying is where you are learning or reviewing material through reading or watching videos
- I) Embraces thinking Math is not a subject that is taught to increase what you know its is taught to increase your ability to learn and think logically
- J) Stay off of social media/phones during class

## Resources

### Aleks

All students have access to Aleks (most students who are performing poorly are not doing the required work on Aleks) For IM3, students should be spending 15 minutes a day 5 days a week doing problems on Aleks outside of class

ALEKS is an artificially intelligent learning and assessment system that has been used by over 25 million students for Math, Chemistry, Statistics and Accounting. After quickly and accurately determining each student's precise knowledge of a subject, ALEKS helps the student work on the topics they are ready to learn.

### Mcgraw Hill

Mcgraw Hill book and software are a set of resources to help the student learn, It has problem sets and detailed explanations of how to do problems along with video's and additional resources not in the hardbound book. This is also where students can find their homework assignments listed on their calendar.

### You tube

You tube is a great resource that students can use. Student will seemingly look up anything but math on youtube

Khan academy is a free resources for mat video along with other topics

<https://www.khanacademy.org/>

Mental math is a website designed to increase students mental efficiency and has been shared with student

# care

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*noun*

1.  
the provision of what is necessary for the health, welfare, maintenance, and protection of someone or something.  
"the care of the elderly"
2.  
serious attention or consideration applied to doing something correctly or to avoid damage or risk.  
"he planned his departure with great care"

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