

ALC Mathematics, Student Learning Plan

Year: Quarter: Name: _____

- Did you pass your MN graduation test for mathematics?
- Do you need math for an **elective** or a math credit **requirement**?
- # of credits needed for math requirement(s):
- What was your last math class and what did you do in it?
- Math class(es) needed now:
- Do you have access to quality internet that supports video and/or Youtube?
- Do you know long division? fractions? decimals? percentages? integers? probability? statistics? Prove it.
- What are your 5 year plans/goals? 10 years?
- How do you wish to pursue your independent math education here at the ALC?
Use textbooks? Online work? Packets? Projects?
- Do you have any questions, concerns, worries, and/or anything important to share with your math teacher?

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“Learning” Basics: Self-Assessment. Where are you?

Fixed Mindset

- Pessimism: Expectation of a Negative Result.

“I can’t do this.”

- A Sense of Futility, Hopelessness, Fatalism.

“I have always been bad at this.”

- Waning Effort.

“What do I have to do just to pass?”

- Self-Criticism in Failure.

“I did poorly on this assignment--I’m stupid.”

- Denial: Cover-up.

“Of course I know how to do this (even though I really don’t).”

- Fear of Risk Taking—Defensiveness.

“ Why try? I don’t need this.”

Growth Mindset

- Confidence

“I can do this.”

- Optimism: An Expectation of a Positive Result.

“If I try, I will get this.”

- Strong Desire to Succeed.

“I need to do my best.”

- Self-Analysis in Failure.

“I did poorly on this assignment—what can I do to be better?”

- High Level of Constructive Effort.

“I’m not sure of how to do this, but with some time and a little help, I will get it.”

- Risk Taking—Stretching.

“I’ll try. Some door may open for me.”

Area (s) of study and progression:

Student accept: _____ Teacher accept: _____