

Welcome to Personalized Learning Time (PLT)!

PLT Success Class - Lesson 1

Objectives

- Articulate the objectives of PLT and the “why” behind it
- Understand and begin to practice the self-directed learning cycle
- Understand and use the Diagnostic Assessment

Norms

One Voice

Be Respectful

Use Technology Responsibly

Goal-Setting (5 minutes)

Every day, at the start of PLT, you will set a goal to drive your learning for that period.

Today, we are going to start by thinking about your **academic goals for the year**.

What is one of your academic goals for the year?

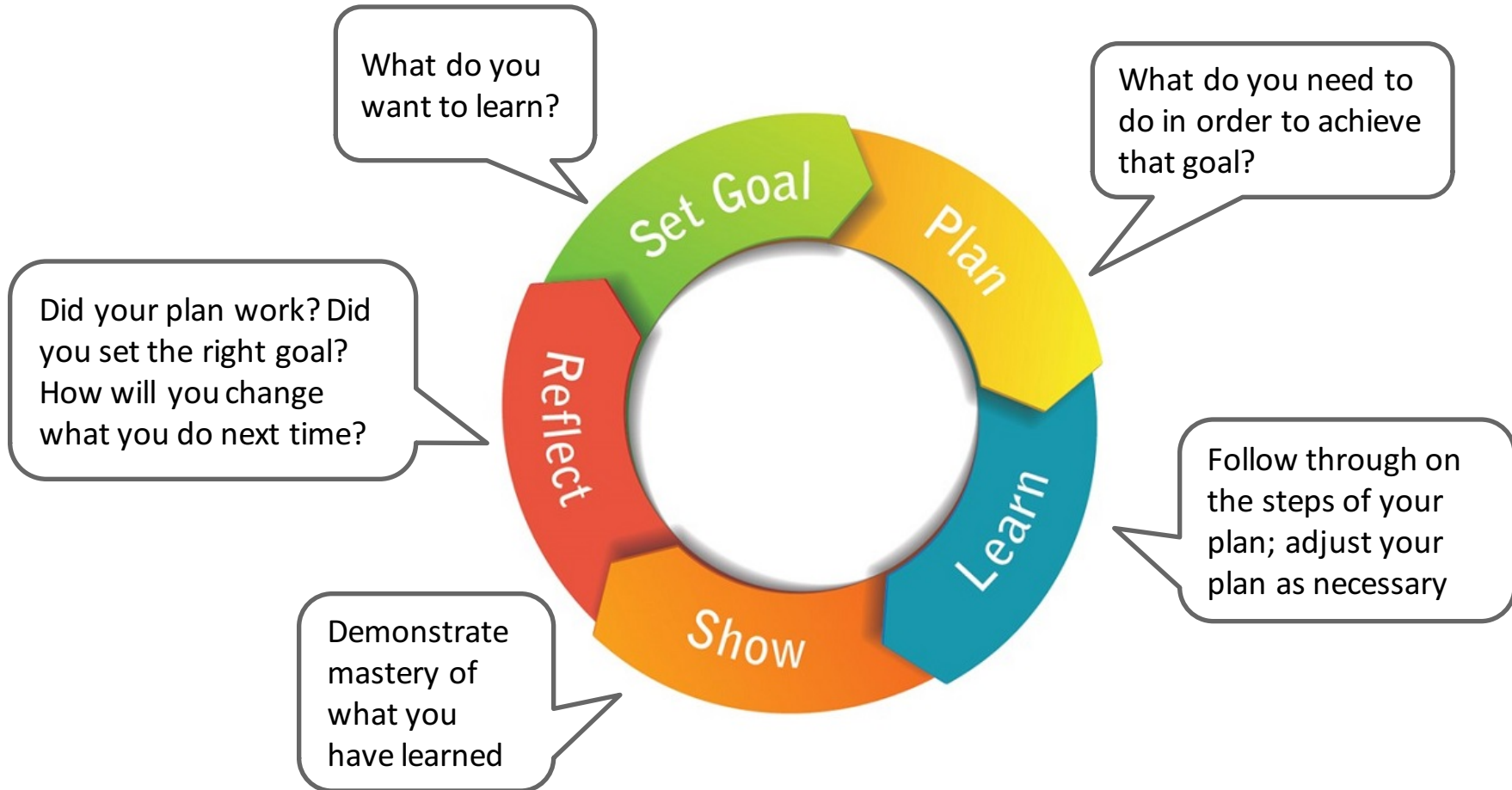
Why is that goal important to you? How will it set you up for success for the rest of your high school career?

How will PLT help you meet those goals for the year?

During PLT, you will:

- *learn content at your own pace, using resources that work best for you
- *practice the skills and habits essential to being a strong self-directed learner

What is the self-directed learning cycle?



Pair/Share:

1. How is being a self-directed learner different than what you have done in math in the past?

2. How will being a self-directed learner help you in the future?

What will PLT look like?

During PLT, you will:

- *work independently and collaboratively
- *get coaching and feedback on your habits and skills from your teacher
- *study content from playlists in order to demonstrate mastery

MATH									
Algebra 1		Patterns & ...	Features of ...	Linear & Ex...	Linear Equa...	Booming P...	C		
Cognitive...	..								
Math Con...	..								
Power	0 / 11	Arit...	Fun...	Dom...	Line...	Exp...	One-...	Syst...	Poly...
Additional	0 / 6	Recursive & E...	Linear Equati...	Linear Inequa...	Properties of ...	Multip			
Challenge	0 / 2	Univariate Data					Linear Models for Bivariate		

What will PLT look like?



You will use playlists, online learning resources made by your teachers, in order to learn the content needed to be successful in your classes

Playlists are like
interactive, online
textbooks

You can access them from
anywhere!

Starting your PLT – Read Description & Terms

FOCUS AREA

Arithmetic & Geometric Sequences [Calculus]

Description

By the time you finish this playlist you should be able to:

1. Identify the key features of arithmetic and geometric sequences.
2. Continue arithmetic and geometric sequences.
3. Given only the growth factor, determine whether a sequence is growing or decaying.

Key Terms

Vocab: By the time you finish this playlist, you should be able to define and give an example of the following terms:

- term (in a pattern/sequence)
- first term / initial value
- arithmetic sequence
- common difference
- geometric sequence
- growth factor (also called the common ratio)

[Start Diagnostic Assessment](#)

Diagnostic Assessment (Pre-Test)

This will give you basic questions to check (diagnose) your level of understanding before you learn more.

The Diagnostic Assessment will give you feedback on what you may already know and which areas you will want to spend time learning more about. Then you will use the resources in the playlist to help you learn what you don't know yet. When you have used all of the resources that you need and have learned what you need to, you can request to take the final Content Assessment for the unit.

If you already have a great knowledge of this content, you might pass the Diagnostic Assessment. If this happens, then you can request to take the final content assessment for the unit without needing to spend time learning more from the playlist. (This is not common.)

Partner Work: Exploring a Playlist (20 minutes)

1. Take out a piece of paper and a pencil or pen
2. Choose the first Focus Area:
3. With your partner, work through the playlist, figuring out how you would learn the material needed to pass the content assessment
4. As you work, discuss the following questions with your partner:



What is the best way to work through the resources?

What is the purpose of the diagnostic assessment?

How is the information organized?

What is the purpose of the checks for understanding?

What skills would you need to use in order to master this information?

Share Out/Ask Questions (10 minutes)

What did you learn?

What else do you need to know? What questions do you have?

Reflection

In your PLP “Reflection” tab, answer the following questions thoroughly:

What skills will you learn and practice in PLT that will help you be an effective self-directed learner?

What are two questions that you still have about PLT?

At-home PLT

At home PLT should look like:

- *learning from playlists, taking notes, making flashcards for vocabulary or other
- *testing your mastery using Checks for Understanding
- *preparing to take the Content Assessment in school

Quick check:

How much should you be working on PLT at home?

Get started tonight!