

Name:

Milestone 1: Introduction

Essential Question: How are arithmetic patterns and geometric patterns in the world around us and how can we use mathematics to explain and apply the patterns you discover?

What you already know about patterns:

From your own knowledge, what do you know about patterns?

From your own knowledge, what are some patterns that you see in the world around you?

From your own knowledge, what do you wonder about patterns?

Just for Fun Brainteasers (Optional):

[Click here to have some fun finding out the pattern to solve this brainteaser!](#) Or scan QR Code



[Click here if you had fun with the brainteaser and you want a challenge!](#) Or scan QR Code



Fill in the blanks and Vocabulary:

Instructions: Use the link below to fill in the blanks and the vocabulary bank

[Click here](#) or scan the QR Code



1. The study of mathematics begins with the study of _____.
2. In this module, you will explore _____ patterns and _____ patterns in the world around us, and use mathematics to _____ and _____ the patterns you discover.
3. Arithmetic sequences and geometric sequences are types of _____.

Vocabulary Terms:	Definitions:
Arithmetic Sequences	
Geometric Sequences	
Recursive Sequences	

Milestone 1 Exit Ticket:

In your own words, what is the difference between Arithmetic and Geometric Sequences?

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