

Geologists-In-Training

# H andbook



Name:

# Geologists-In-Training

## Imaging Lab Module

Let's review the three types of rocks!

### Sedimentary:

These rocks are formed when layers of sediment are pressed together

### Metamorphic:

These rocks are formed when heat and pressure are applied

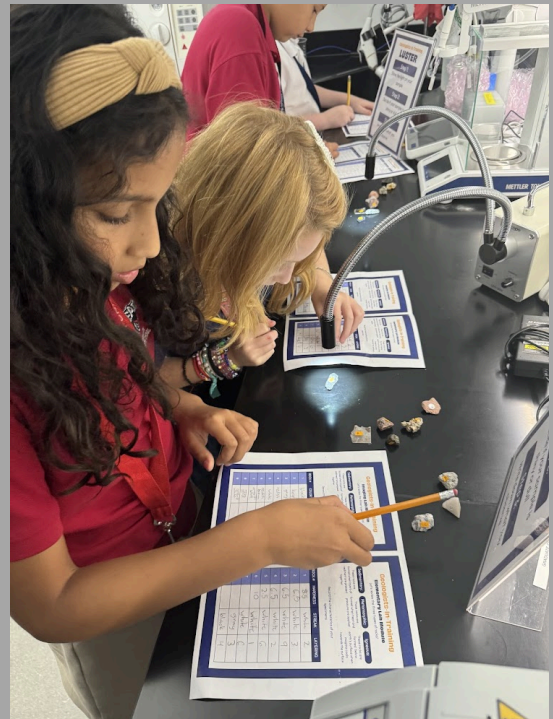
### Igneous:

These rocks are formed below earth's surface when magma cools towards the surface

Record the characteristics of your specimens

ROCK #	COLOR	TEXTURE	LUSTER
1			
2			
3			
4			
5			
6			
7			
8			
9			

## Exploring Rock Luster



## Exploring Rock Color



## Exploring Rock Texture in the SEM



# Geologists-In-Training

## Elementary Lab Module

Let's review the three types of rocks!

### Sedimentary:

These rocks are formed when layers of sediment are pressed together

### Metamorphic:

These rocks are formed when heat and pressure are applied

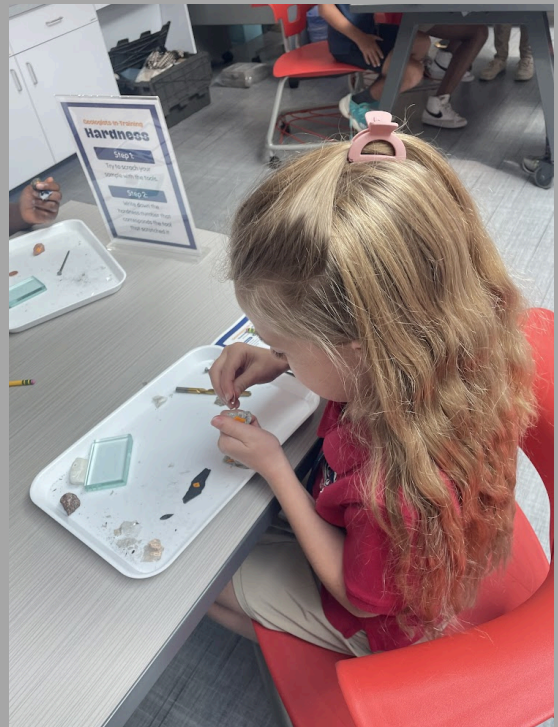
### Igneous:

These rocks are formed below earth's surface when magma cools towards the surface

Record the characteristics of your specimens

ROCK #	HARDNESS	STREAK	LAYERING
1			
2			
3			
4			
5			
6			
7			
8			
9			

## Exploring Rock Hardness



## Exploring Rock Streak



## Exploring Rock Layering



# Geologists-In-Training

## Make Predictions

Let's review the three types of rocks!

### Sedimentary:

These rocks are formed when layers of sediment are pressed together

### Metamorphic:

These rocks are formed when heat and pressure are applied

### Igneous:

These rocks are formed below earth's surface when magma cools towards the surface

Predict which type of rock you think it is! You can even try guessing the name of the rock.

ROCK #	SEDIMENTARY	METAMORPHIC	IGNEOUS
1			
2			
3			
4			
5			
6			
7			
8			
9			