

# *Sterling Hill Mine*



## **FIELD NOTEBOOK**



Created by Cathleen Dale for:  
Washington School, Kearny, NJ  
8<sup>th</sup> Grade Science & Mathematics

Name:

Date:

Chaperone:





**4. Estimate the height of stalagmites and stalactites encased in the museum. If they grow 1mm every year, what are the ages of the largest stalagmites and stalactites?**

**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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**5. One section of the mine is smaller than the other. Why is the tunnel height shorter? What might this say about mining methods?**

**Draw a picture:**



**6. Use your hygrometer to measure the humidity in the mine. Record below:**

**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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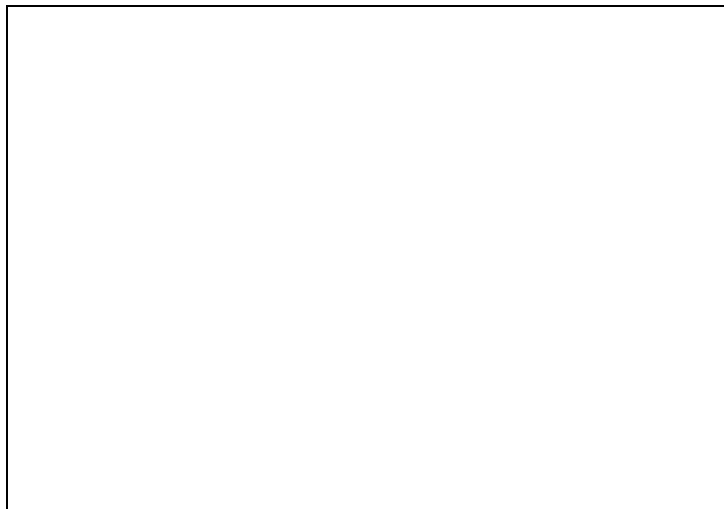
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**Draw a picture:**



7. Use your clinometer to measure and estimate the angle of the rock. Record below:

**Draw a picture of that rock:**



**Sketch your Favorite Minerals!**

Mineral Name: \_\_\_\_\_



Mineral Name: \_\_\_\_\_



**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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**Draw a picture:**



**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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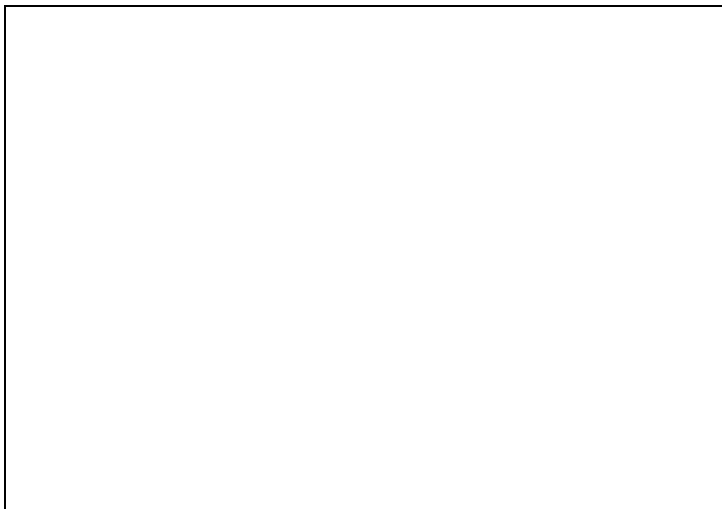
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**Draw a picture:**



**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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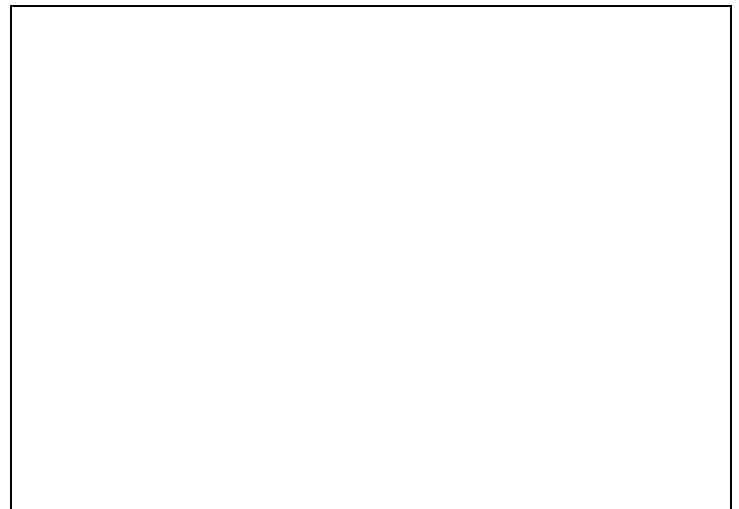
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**Draw a picture:**



**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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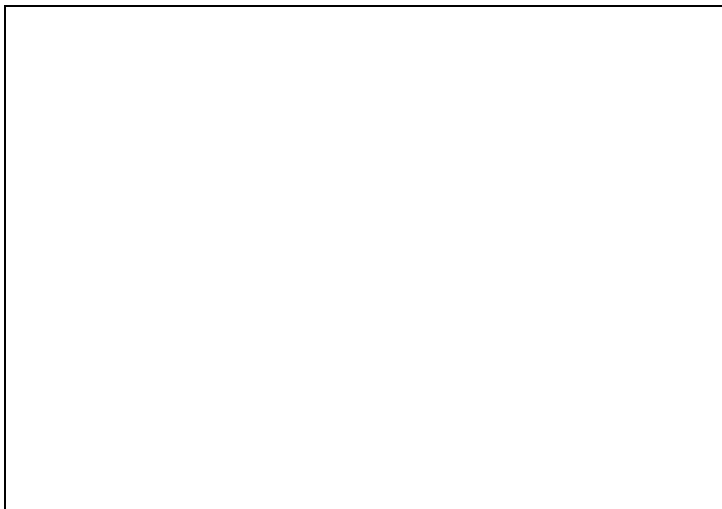
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**Draw a picture:**



**Site:** \_\_\_\_\_

One thing I learned \_\_\_\_\_

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**Draw a picture:**

