1. What are sketches and how do they help convey information about my design?

2. How does knowing the alphabet of lines help making sketches/drawings?

3. How does the use of views in a drawing help convey information about the design?

**Module 3 - Lesson 2 - WWB - Learning to Sketch**

**Topic / Chapter**

**E. Sketching Views**
1. The meaning of Views
2. The Arrangement of views

**F. The Alphabet of Lines**
1. Visible lines
2. Hidden Lines
3. Dimension/Extension Lines
4. Center Lines
5. Cutting Plane Lines
6. Sectional Lines

**G. Lines and Arrowheads**

**H. Sectional Views**

**I. Lettering**

**J. Dimensioning**

**K. Tolerances**

**L. Pictorial Drawings**

**M. Instrumental Drawings**

**N. Measuring Scales**

**O. Scales - Uses/Sizes**

**Vocabulary/Commands**

**Objectives**
1. Identify the types & sizes of Sketching Paper used in drawings.
2. Identify and explain why different lead hardnesses are used in sketching.
3. Explain the process of sketching lines without the use of drawing tools.
4. Identify the basic scales used in the creation of sketches.
5. Explain that the Alphabet of lines is used and how it is used in drafting.
6. Explain how lettering is applied to a set of plans & demonstrate the process.
7. Identify the basic tools used in the creation of a set of hand drawn plans.

**Write a 10 Word Chapter Summary**

**Module 3 Assignments**

1. Essential Questions Part 1
2. Create a reference list of the various paper & sizes used in drafting
3. Create a Lead harness Chart Identifying lead hardness from soft to hard.
4. Create an Alphabet of Lines - Explain where each is used.
5. Create 3 sketches of the following by hand with various sizes for each: Circle, Square, Angles, Lines.

**Module 4 Assignments**

1. Graphic Organizer
2. Create a 15 question Sq3r for Module 3 Lesson 2
3. Create a lettering Chart-Alphabet & Numbers 0-9 sizes for Notes/Title/Sections
4. Create a list of the various scales used in drafting.
5. Recreate drawing A1 from Canvas showing it in the 3 views discussed in the lesson. Make sure to include all the information from the drawing.