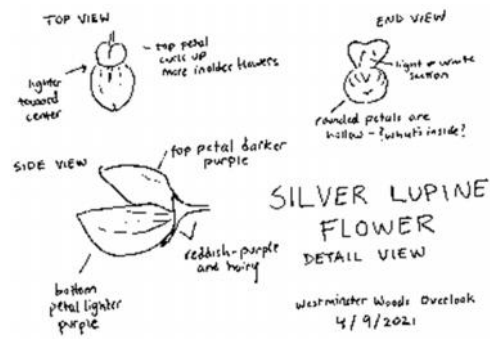
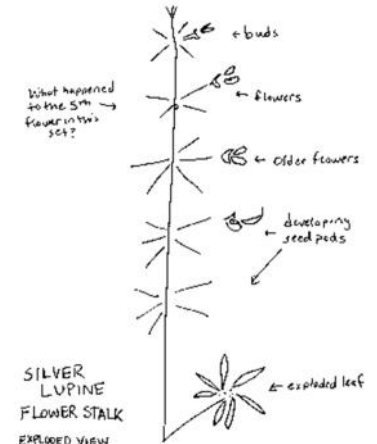


Diagramming: Nature Blueprints

Many natural objects have patterns of repeating parts. When you nature journal about these objects, you can make a diagram. Use detail views to show each kind of part. Use an exploded view to show how the parts fit together.

<p>Detail - a separate drawing that is an enlargement or elaboration of a part of the structure</p>  <p>TOP VIEW lighter toward center top petal curls up more in older flowers</p> <p>SIDE VIEW top petal darker purple reddish-purple and hairy bottom petal lighter purple</p> <p>END VIEW light or white section rounded petals are hollow - fuzzy inside?</p> <p>SILVER LUPINE FLOWER DETAIL VIEW Westminster Woods Overlook 4/9/2021</p>	<p>Exploded view - a diagram that shows the relationship or order of assembly of the parts of an object</p>  <p>What happened to the SM flower in the soil?</p> <p>buds flowers older flowers developing seed pods exploded leaf</p> <p>SILVER LUPINE FLOWER STALK EXPLODED VIEW</p>
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Make your diagram (on the back of this paper, in a sketchbook, or on any sheet of paper).

1. Observe your object. What repeating parts does it have?
2. Make a detail drawing of a part. You could show top, side, and end views of that part.
3. Look at how the parts connect and fit in to make the object as a whole. Use pictures and words to show how the parts fit together. (You could make an exploded view.)
4. Record additional observations. You can use words, pictures, and numbers.

After making your diagram, consider these questions.

What patterns did you notice? What are some possible explanations for these patterns?

Where are there exceptions to the patterns? Why do you think these exceptions may have occurred?

based on activity from *How to Teach Nature Journaling* by John Muir Laws and Emilie Lygren, available at howtoteachnaturejournaling.com