Early Spring Tree Growth Observations

	Larry Spring Tree Growth Observations		
A.	Make a sketch (on the bottom of this page) of your branch in winter (early spring!). Mark one to three girdle scars. Pay attention to the shape, position, and scales of the buds. Label and describe the tree buds (sticky, fuzzy, smooth, brown).		
В.	Measure the size of your winter bud.		_ (cm)
C.	Closely observe bud scale scars to predict annual growth rate of your branch.		
	Make all your measures in cm or mm . Write an operational definition for where you will begin and end each measure:		
	Measure from the terminal bud to the first bud scale scar	Measure from the first scar to the second bud scale scar	Measure from the second bud scale scar to the third bud scale scar
1.	Compare the measures you mad three years?	de. What can you infer about you	ur tree's growth over the past
2.	What factors might influence th	e variation in growth from year t	to year?
3	3. Calculate the annual rate of u	pward growth using the measure	es from the last 3 years.
2	I. Predict: What length twig will Explain your reasoning.	emerge from this year's termina	al bud?