## New Angle on Forest Ecology Worksheet #1

## Worksheet on Angle of the Sun

Hold the straw at the angle v Have your partner measure t	o that it casts a shadow. nadow becomes as small as possible. when the bright spot of light from the sun com	3
TIME (Standard, not daylight	savings)	
sun.	e of a straw. string. pefore.	•
TIME (standard, not daylight	savings)	
COMPARISON WITH CALCU Your Latitude		
Angle at each equinox and so	olstice at your latitude at noon standard time.	
Fall	Spring	
Winter	Summer	
Today's Date	, so angle should be between	
	and	
What is the difference between	en these two?	<u>_</u> .
	t fraction of the 90 days between each seasc 25 instead of 90) expresse	
Now multiply the decimal by to obtain the degrees between	he difference above_ n seasons estimated above	and add or subtract 
	ns are for noon. If your observations was eith ould you determine a way to figure out how m	

How do these angles compare with your measurements?