Comparing Hand Span and Head Circumference  With your partner, prepare to present your findings about hand spans or head circumference.			
			HAND SPAN
(a)	SHAPE: Use Fathom to generate a histogram for this variable. Decide whether the distribution is (i) normally distributed, (ii) right or left skewed, (iii) bimodal, (iv) etc. Are there any possible outliers? Explain.		
(b)	CENTER: Use Fathom to generate measures of center. Record here.		
	Mean Median		
(c)	SPREAD: Use Fathom to generate measures of variability. Record here.		
	Range		
HE	AD CIRCUMFERENCE		
(d)	SHAPE: Use Fathom to generate a histogram for this variable. Decide whether the distribution is (i) normally distributed, (ii) right or left skewed, (iii) bimodal, (iv) etc. Are there any possible outliers? Explain.		
(e)	CENTER: Use Fathom to generate measures of center. Record here.		
	Mean Median		
(f)	SPREAD: Use Fathom to generate measures of variability. Record here.		

SD\_\_\_\_\_

IQR\_\_\_\_

Range\_\_\_\_

Now, compare the Hand Span and Head Circumference distributions.	
(g)	Compare the variables in terms of SHAPE. What are some possible reasons for the similarities and/or differences between the variables' in terms of SHAPE?
(h)	Compare the variables in terms of CENTER. What are some possible reasons for the
	similarities and/or differences between the variables in terms of CENTER?
(i)	Compare the variables in terms of SPREAD. What are some possible reasons for the similarities and/or differences between the variables in terms of SHAPE? Could the variability be reduced? How?