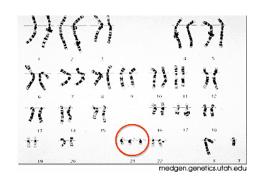
Name	Date
Web Quest: Chromosomes and In	nheritance
Site 1 → http://learn.genetics.utah.edu/ (Genetic Science Learning Center) Click on "How Do Scientists Read Chromosom (Find the answers to the following questions	es"
1. What are the three (3) key features used to r	read chromosomes?
2. Sketch or describe: metacentric, submetacen	atric, acrocentric
	u finished sketching. - Create your own karyotype - Turning on hints is okay. complete. Have Dr Legaspi initial this activity:
What did you find difficult about matching the	chromosomes?
Click the "Back/Return" button when you 4. Go to USING KARYOTYPES TO DIAGNOSE G What is trisomy?	·
What is monosomy?	

What is a terminal deletion?						
 5. For each of the Disorders, describe the genetic condition, how is the dis diagnoses, treatment options and interesting facts. (Type each into the SEAF A. Cri-Du-Chat: a) What is Cri-Du-Chat syndrome? (Describe the genetic condition) 						panil tan
b) How do people get Cri-Du-Chat syndrome?	8.8 8.8	9. E	3,3	Tokyo	Medico	al Univers
c) What are its symptoms?						
d) How is it diagnosed?						
e) What are the treatment options?						

f) List 5 other interesting facts about Cri-Du-Chat.

B. Down Syndrome:

a) What is Down syndrome? (Describe the genetic condition)



- b) How do people get Down syndrome?
- c) What are its symptoms?
- d) How is it diagnosed?
- e) What are the treatment options?
- f) List 5 other interesting facts about Down syndrome.

C. Turner Syndrome:

a) What is Turner syndrome? (Describe the genetic condition)



b) How do people get Turner syndrome?	
c) What are its symptoms?	
d) How is it diagnosed?	
e) What are the treatment options?	
f) List 5 other interesting facts about Turner syndrome.	
D. Klinefelter Syndrome:	

b) How do people get Klinefelter syndrome?

a) What is Klinefelter syndrome? (Describe the genetic condition)

c) What are its symptoms?	
d) How is it diagnosed?	
e) What are the treatment options?	
f) List 5 other interesting facts about Klinefelter syndrome.	
E. Williams Syndrome: a) What is Williams syndrome? (Describe the genetic condition)	Elast gene
b) How do people get Williams syndrome?	

c) What are its symptoms?

a)	How is it diagnosed?
e)	What are the treatment options?
f)	List 5 other interesting facts about Williams syndrome