

Karyotyping Activity

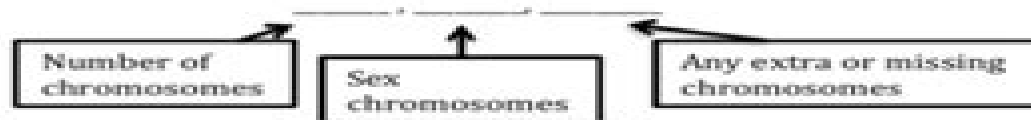
Purpose: This activity is a simulation of human karyotyping using digit images of chromosomes from actual human genetic studies.

Procedure:

1. Log on to the laptops
2. Go to www.biology.arizona.edu/human_bio/activities/karyotyping.html
3. Read through the introduction
4. Read through the Your assignment section
5. Complete the karyotype for each patient and answer the questions for each patient.
6. Answer questions A1, A2, B1, B2, C1 and C2
7. For the internet search you will search the genetic websites, but instead of summarizing the websites please write 2-3 sentences describing the genetic abnormality of each patient.

Questions:

A1. What notation would you use to characterize Patient A's karyotype?



A2. What diagnosis would you give patient A?

B1. What notation would you use to characterize Patient B's karyotype?

B2. What diagnosis would you give patient B?

Human Karyotyping Activity

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Human Karyotyping Activity:

Decoding **Human Karyotyping Activity**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Human Karyotyping Activity**," a mesmerizing literary creation penned by way of a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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