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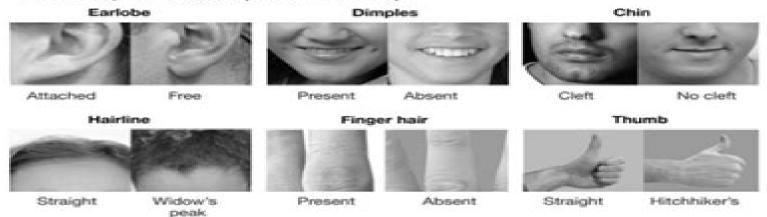
Observing Human Traits Lab

How much do traits vary in your classroom?

Traits are physical characteristics you inherit from your parents. In this investigation, you will take an inventory of your observable traits and compare these to the observable traits of your classmates. You will then take inventory of students and teachers in your school. Finally, you will determine the frequency of each trait in your school's population.

Observing your own traits

 The graphic below shows seven different human traits. Each trait has two different forms. Study the chart below, then follow the procedures carefully.



 Working with a partner, observe which form you have for trait A through F. Circle your form of each trait in Table 1. NOTE: For finger hair, even if you have only one hair on any of your mid-digits, you have finger hair.

Table 1: Insentant of traite

Trait	Form 1	Form 2
A. Earlobe	Free	Attached
B. Dimples	Absent	Present
C. Chin	Cleft	No cleft
D. Hairline	Widow's peak	Straight
E. Finger hair	Present	Absent
F. Thumb	Straight thumb	Hitchhiker's thumb

Stop and think

- 2 For earlobes only, how many students in your class do you think will share the same form (free or attached) as you? Explain your reasoning.
- Do you think any of your classmates will have the same form of all traits as you?

Observing Human Traits Lab Answer Key

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