

**Try This
Activity**

Creating a Personal Profile

Table 1 lists human traits controlled by dominant and recessive alleles.

Table 1

Trait	Dominant	Recessive
eye colour	brown or black or green	blue or grey
hair colour	brown or black	blonde or red
hairline	pointed on forehead	straight across forehead
freckles	present	absent
earlobe	suspended	attached to head
hair texture	curly	straight
eyesight	near or farsighted	normal vision
eyelashes	long	short
nose line	convex tip	concave or straight
fingers	6 fingers	5 fingers
<i>Rh</i> blood factor	positive <i>Rh</i> factor	negative <i>Rh</i> factor
ear rim	curled rim	not curled rim
thumb joint	last joint bends out	last joint is straight
finger hair	present	absent
folded hands	left thumb over right	right thumb over left
tongue rolling	can be rolled into U shape	cannot be rolled
clenched fist	two wrist cords	three wrist cords
chin dimple	dimple in middle	no dimple
blood type	type A, B, AB	type O
eyes	astigmatism	no astigmatism

Copy **Table 2**. Use information in **Table 1** to complete your personal profile. Which additional traits can you include?

Table 2

Trait (use the letter indicated)	Appearance or physical condition	Dominant or recessive	Possible genetic makeup
eye colour <i>E/e</i>	?	?	?
hairline <i>L/l</i>	?	?	?
earlobe <i>T/t</i>	?	?	?
ear rim <i>R/r</i>	?	?	?
freckles <i>F/f</i>	?	?	?
thumb joint <i>J/j</i>	?	?	?
finger hair <i>P/p</i>	?	?	?
tongue rolling <i>Y/y</i>	?	?	?
folded hands <i>D/d</i>	?	?	?
nose line <i>N/n</i>	?	?	?
hair colour <i>H/h</i>	?	?	?
chin dimple <i>G/g</i>	?	?	?
clenched fist <i>K/k</i>	?	?	?