GENES

- A piece of DNA that codes for a trait
- Units of heredity
- Located at a specific spot on a specific chromosome and codes for a particular trait

- Genes come in pairs (one from mom and one from dad)
- Represented by letters (can be dominant or recessive)

Examples:

genes code for physical traits like:

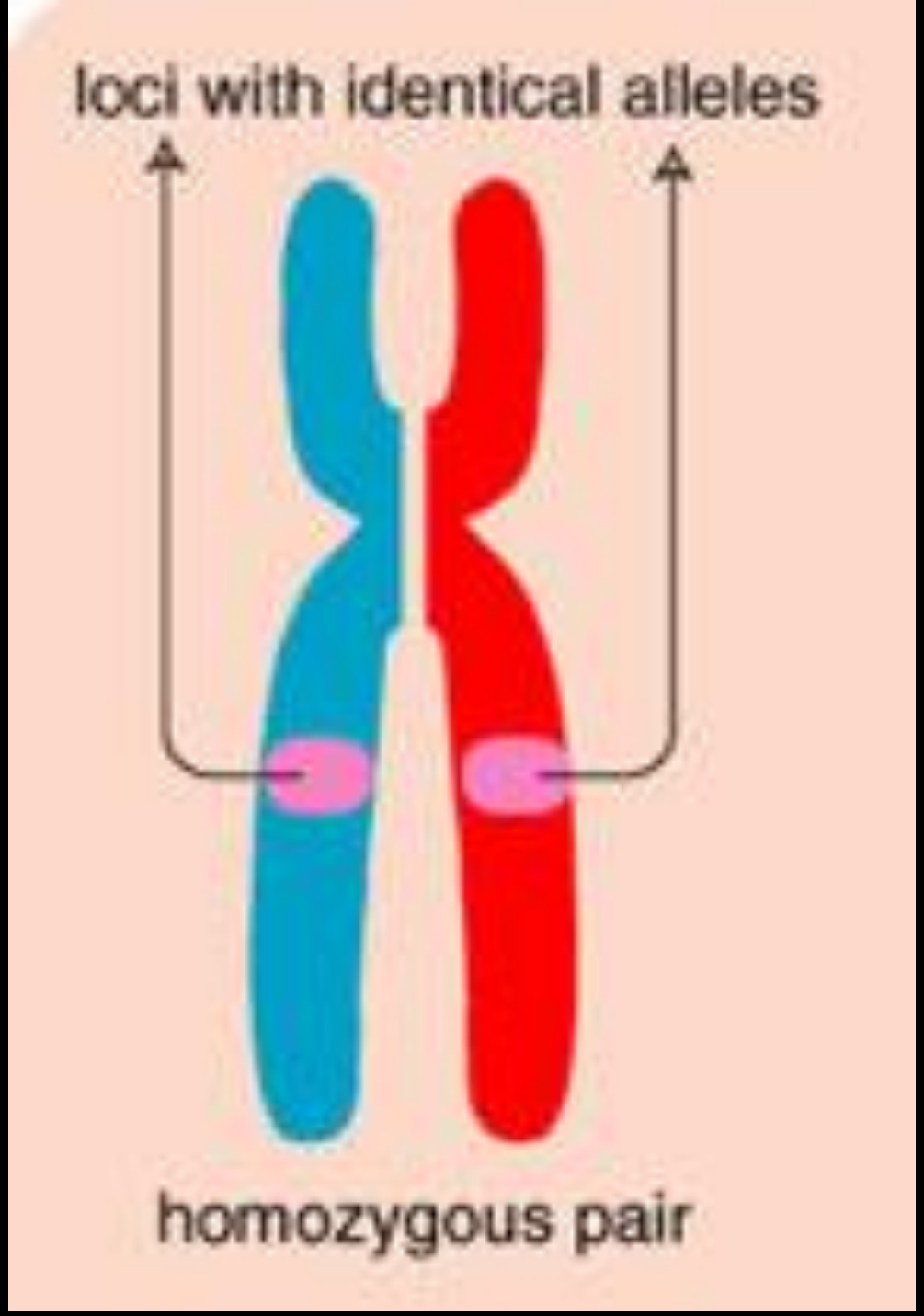
- hair color
- eye color
- freckles or no freckles
- attached or unattached earlobes
- and so on

BUT they also code for:

- likes/dislikes
- personality traits
- things that you are good at or might struggle with

Ideas for drawings

- Page 102: draw chromosomes with genes on it
- Page 106: draw the expression of a gene (phenotype) like hair color, eye color, attached/unattached earlobes, freckles or no freckles, dimples, and so on
- TT, Tt, or tt
- Punnett square


loci with identical alleles
homozygous pair