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CHROMOSOMES AND PHENOTYPE
Power Notes

Autosomes	Sex Chromosomes				
Autosomes are:	Sex chromosomes are:				
Autosomal gene expression:	Inheritance of sex chromosomes: <table border="1" data-bbox="865 806 1357 1104"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>				
Inheritance of autosomes: <table border="1" data-bbox="297 1220 794 1522"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>					Expression of sex-linked genes in males: Expression of sex-linked genes in females:

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7.2

COMPLEX PATTERNS OF INHERITANCE

Power Notes

Complex Patterns of Inheritance

Incomplete dominance:

Codominance:

Multiple alleles:

Polygenic traits:

Epistasis:

Interaction of environment and genotype:

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GENE LINKAGE AND MAPPING
Power Notes

Mendel's experiments:

Conclusions:



Punnett and Bateson:

Conclusions:



Morgan:

Conclusions:



Sturtevant's hypothesis:

Sturtevant's experiments:

Making a linkage map:

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HUMAN GENETICS AND PEDIGREES

Power Notes

Sex-Linked Disorders	
Males:	Females:

A pedigree chart is:

Tracing Autosomal Genes	Tracing Sex-Linked Genes
•	•
•	•
•	•
•	•
•	•

A karyotype is:

A karyotype shows:

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