

# GENETIC DISORDER BROCHURE

You are going to pick one of the following genetic disorders and make a tri-fold for that disorder. After you have decided which disorder you would like to do, check with the teacher to make sure it has not been taken. No one should have the same disorder. Your tri-fold should include the following:

**EFFECTS:** Who is effected?

**TRANSMISSION:** How is it transmitted/inherited?

**SYMPTOMS:** What are the symptoms?

**TREATMENT:** If & how can it be treated?

**PREVENTION:** If & how can it be prevented?

**SOCIAL IMPLICATIONS:** Are there any social implications? What are they?

## TRI-FOLD:

## Points Earned

Typed	(15 pt.)
Neatly organized & creative	(15 pt.)
Include pictures (drawn, graphic design, cut out)	(05 pt.)
Include a bibliography (at least 3 different references)	(15 pt.)
Include all pertinent information	(50 pt.)

## DISORDERS:

achondroplasia	Grebe chondrodysplasia	plexiform neurofibroma
adenomatous polyposis coli	Greig cephalopolysyndactyly	Potter phenotype
albinism	hemochromatosis	(oligohydramnios sequence)
Alzheimer disease	hemophilia A	postaxial polydactyly
Angelman syndrome	Hirschsprung disease	Prader-Willi syndrome
aniridia	holoprosencephaly	prostate cancer
ataxia telangiectasia	Holt-Oram syndrome	recombinant 8 syndrome
Beckwith-Wiedemann syndrome	Hunter syndrome	retinoblastoma
bilateral cleft lip/palate	Huntington disease	sex reversal (XY female)
breast tumors	Hurler syndrome	sickle cell disease
$\beta$ -thalassemia	hypophosphatemic rickets	Smith-Lemli-Opitz syndrome
campomelic dysplasia	incontinentia pigmenti type 1	Smith-Magenis syndrome
cleidocranial dysplasia	junctional epidermolysis	spectral karyotype
common essential hypertension	bullosa	supravalvular aortic stenosis
congenital adrenal hyperplasia	Klinefelter syndrome	synpolydactyly
conjoined twins	laterality defects	Tay-Sachs disease
craniosynostosis syndromes	Marfan syndrome	thanatophoric dysplasia
cystic fibrosis	myotonic dystrophy	triploidy
Dejerine-Sottas syndrome	neural tube defects	Tuberous Sclerosis
Down syndrome (Trisomy 21)	neurofibromatosis type 1	Turner syndrome
Duchenne Muscular dystrophy	(von Recklinghausen disease)	type 1 diabetes
Edwards syndrome (Trisomy 18)	occipital encephalocele	ulnar-mammary syndrome
epidermolysis bullosa	ocular albinism	Ventricular septal defects
familial hypercholesterolemia	oligohydramnios sequence	WAGR syndrome
familial hypertrophic	osteogenesis imperfecta	Williams syndrome
cardiomyopathy	Patau syndrome (Trisomy 13)	Wilson disease
fetal alcohol syndrome	Peutz-Jeghers syndrome	Wolf-Hirschhorn syndrome
Fragile X syndrome	phenylketonuria	

# Genetic Disorder Tri-Fold

**Effects:** \_\_\_\_\_  
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**Transmission:** \_\_\_\_\_  
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**Symptoms:** \_\_\_\_\_  
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**Treatment:** \_\_\_\_\_  
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**Prevention:** \_\_\_\_\_  
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**Social Implications:** \_\_\_\_\_  
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