

Your Name: \_\_\_\_\_ Disorder: \_\_\_\_\_

### Genetics Disorder Grading Rubric

Presentation Requirements	Earned Points	Possible Points	Comments
Introduction ✓ Name the disorder		20	
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect?		20	
Description of the symptoms ✓ List all of the possible effects on the body		10	
Cause of the disorder ✓ What happens <u>in the body</u> to cause the disease? ✓ Is it a mutation? A genetic tendency triggered by other factors?		20	
How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant?		30	
How the disorder is treated ✓ Medications? Gene therapy?		10	
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option?		10	
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it?		20	
Application of research article ✓ What new information did you learn from your research?		10	
<b>Total Points Earned</b>		<b>100-150</b>	

## GENETICS DISORDER RESEARCH SHEET

Research Site: \_\_\_\_\_

Presentation Requirements	Research
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect?	
Description of the symptoms ✓ List all of the possible effects on the body	
Cause of the disorder ✓ What happens <u>in the body</u> to cause the disease? ✓ Is it a mutation? A genetic tendency triggered by other factors?	
How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant?	
How the disorder is treated ✓ Medications? Gene therapy?	
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option?	
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it?	

Research Site: \_\_\_\_\_

Presentation Requirements	Research
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect?	
Description of the symptoms ✓ List all of the possible effects on the body	
Cause of the disorder ✓ What happens <u>in the body</u> to cause the disease? ✓ Is it a mutation? A genetic tendency triggered by other factors?	
How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant?	
How the disorder is treated ✓ Medications? Gene therapy?	
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option?	
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it?	

Research Site: \_\_\_\_\_

Presentation Requirements	Research
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect?	
Description of the symptoms ✓ List all of the possible effects on the body	
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How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant?	
How the disorder is treated ✓ Medications? Gene therapy?	
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option?	
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it?	

Research Site: \_\_\_\_\_

Presentation Requirements	Research
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect?	
Description of the symptoms ✓ List all of the possible effects on the body	
Cause of the disorder ✓ What happens <u>in the body</u> to cause the disease? ✓ Is it a mutation? A genetic tendency triggered by other factors?	
How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant?	
How the disorder is treated ✓ Medications? Gene therapy?	
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option?	
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it?	

## Genetics Disorder Self Evaluation

Presentation Requirements	Cumulative Research	Points
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect? Sites: _____ _____		_____ 20
Description of the symptoms ✓ List all of the possible effects on the body Sites: _____ _____		_____ 10
Cause of the disorder ✓ What happens <u>in the body</u> to cause the disease? ✓ Is it a mutation? A genetic tendency triggered by other factors? Sites: _____ _____		_____ 20
How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant? Sites: _____ _____		_____ 30
How the disorder is treated ✓ Medications? Gene therapy? Sites: _____ _____		_____ 10
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option? Sites: _____ _____		_____ 10
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it? Sites: _____ _____		_____ 20
Application of research article ✓ What new information did you learn from your research? Resource: _____ _____		_____ 10
<b>Total Points Earned</b>		_____ <b>130</b>

**Genetics Disorder Job Worksheet**

Slides to Make & Present in Given Order
<b>Title Slide:</b> Project Title, Your Name
<b>Definition Slide:</b> What happens to body; part of body affected?
<b>Symptom Slide:</b> List of all effects on body
<b>Cause Slide:</b> What happens in body to cause disease; Mutation? Genetic tendency triggered by other factors?
<b>Inherited Slide:</b> Sex-linked-yes or no; particular chromosome; recessive or dominant?
<b>Treatment Slide:</b> Medications? Gene therapy?
<b>Diagnostic Tests Slide:</b> What tests are done; genetic counseling?
<b>Frequency in Population Slide:</b> More common in certain group; how common is it?
<b>Article Slide:</b> New information found from research

**Genetics Disorder Power Point Checklist**

Name: \_\_\_\_\_

Genetic Disorder: \_\_\_\_\_

✓	Slides to Make & Present in Given Order
	<b>Title Slide:</b> Project Title, Your Name
	<b>Definition Slide:</b> What happens to body; part of body affected
	<b>Symptom Slide:</b> List of all effects on body
	<b>Cause Slide:</b> What happens in body to cause disease; mutation? Genetic tendency triggered by other factors?
	<b>Inherited Slide:</b> Sex-linked-yes or no; particular chromosome; recessive or dominant?
	<b>Treatment Slide:</b> Medications? Gene therapy?
	<b>Diagnostic Tests Slide:</b> What tests are done; genetic counseling?
	<b>Frequency in Population Slide:</b> More common in certain group; how common it is
	<b>Article Slide:</b> New information found from research

**NO MORE THAN 1 PICTURE PER SLIDE!!!!!!!**

**Genetics Disorder Job Worksheet**

<b>Sides &amp; Present in Given Order</b>
<b>Cover Page (back right):</b> Project Title, Your Name <b>One Picture:</b> Choose one picture that represents your disorder
<b>Inside Left:</b> List of all effects on body. What happens to body; part of body affected? <b>Inside Middle</b> What happens in body to cause disease; Mutation? Genetic tendency triggered by other factors?
<b>Inside Right:</b> Sex-linked-yes or no; particular chromosome; recessive or dominant? Medications? Gene therapy?
<b>Back Left:</b> What tests are done; genetic counseling? More common in certain group; how common is it?
<b>Back Middle:</b> New information found from research, Sources Sited

**Genetics Disorder Pamphlet Checklist**

Name: \_\_\_\_\_

Genetic Disorder: \_\_\_\_\_

✓	<b>Slides to Make &amp; Present in Given Order</b>
	<b>Cover Page (back right):</b> Project Title, Your Name <b>One Picture:</b> Choose one picture that represents your disorder
	<b>Inside Left:</b> List of all effects on body. What happens to body; part of body affected? <b>Inside Middle</b> What happens in body to cause disease; Mutation? Genetic tendency triggered by other factors?
	<b>Inside Right:</b> Sex-linked-yes or no; particular chromosome; recessive or dominant? Medications? Gene therapy?
	<b>Back Left:</b> What tests are done; genetic counseling? More common in certain group; how common is it?
	<b>Back Middle:</b> New information found from research, Sources Sited
	<b>Cover Page (back right):</b> Project Title, Your Name <b>One Picture:</b> Choose one picture that represents your disorder
	<b>Inside Left:</b> List of all effects on body. What happens to body; part of body affected? <b>Inside Middle</b> What happens in body to cause disease; Mutation? Genetic tendency triggered by other factors?
	<b>Inside Right:</b> Sex-linked-yes or no; particular chromosome; recessive or dominant? Medications? Gene therapy?
	<b>Back Left:</b> What tests are done; genetic counseling? More common in certain group; how common is it?

Genetic Disease: \_\_\_\_\_ Group Names: \_\_\_\_\_ Grader's Name: \_\_\_\_\_

**Genetics Disorder Peer Review**

Presentation Requirements	Earned Points	Possible Points	Comments
Introduction ✓ Name the disorder ✓ Name on paper		20	
Definition of the disorder ✓ What happens to the body? ✓ What part of the body does it generally affect?		20	
Description of the symptoms ✓ List all of the possible effects on the body		10	
Cause of the disorder ✓ What happens <u>in the body</u> to cause the disease? ✓ Is it a mutation? A genetic tendency triggered by other factors?		20	
How the disorder is inherited ✓ Is it sex-linked? ✓ Is there a particular chromosome it is located on? ✓ Is it recessive or dominant?		30	
How the disorder is treated ✓ Medications? Gene therapy?		10	
How the disorder is diagnosed ✓ What tests are done? Is genetic counseling an option?		10	
How many and what type of people are likely to have the disorder ✓ Is it more common in a certain group of people? ✓ How common is it?		20	
Application of research article ✓ What new information did you learn from your research?		10	
<b>Total Points Earned</b>		<b>100-150</b>	

What did you like about the presentation?

What could this group improve on?