

Hereditary & Environmental Influences on Child Development



Engage



View the [Stepping Stones YouTube video](#) and describe the difference between heredity and environment



Based on the answer you provided to the initial prompt, play the “[Drag & Drop](#)” game. “Drag & Drop” the characteristics to the column you believe they best fit: Hereditary, Environmental or Both. Be prepared to share and discuss

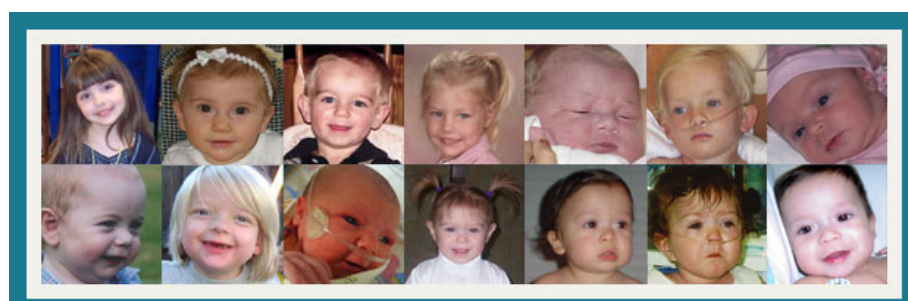
Snip or Screenshot your completed “drop & drag” slide & insert below



Explore



How do you think heredity and environment affect or connect to defects?



According to the [article](#), what are the two sources that defects come from and examples of each?

Sources	Examples

Research the following...

Can birth defects that are hereditary be prevented? Explain

Can birth defects that are environmental be prevented? Explain



Explain



Modern technology has provided us many ways to detect birth defects during various stages of pregnancy. Some methods are screening and some are diagnostic tests. Use this [resource from the CDC](#) to learn more. Briefly describe each of the screenings or tests.

<i>Name of Procedure</i>	<i>Briefly Describe</i>
Maternal Blood Screen	
Ultrasound	
Maternal Serum Screen	
Fetal Echocardiogram	
Anomaly Ultrasound	
Chorionic Villus Sampling (cvs)	
Amniocentesis	



Apply

SCENARIOS



Go to Google Classroom...

Read the Scenarios (*a copy has been made for you*) & Use the [Information Packet](#) to determine the birth defect



Share



Submit all work via Google Classroom. You will need to submit this hyperdoc (completed) as well as the scenarios assignment.



Reflect



Parents who know they are having a child with a birth defect or disability are often given the below story to read.

Read [Welcome to Holland](#). If you were expecting and found out your child would be born with a birth defect or disability, would you find this story comforting? Explain why or why not.



Extend



What is folic acid and what does it have to do with pregnancy and birth defects?



Identify good sources of folic acid. Place the foods from this [video clip](#) into their correct MyPlate food group. If a food group has no examples, type **NONE** in the box.

Food Group	Food Source(s)
Grains	
Fruits	
Vegetables	
Proteins	
Dairy	

