**Human Development**

**Unit 5 – Analyzing Intellectual Development**

**Instructional Strategy 10 - Influences on Intelligence Teacher Information**

Prior to teaching this lesson it is suggested that you do a little research into the current information on the influences of ethnicity, culture and gender on intelligence and brain development. Listed below are sources/articles that will help to provide some background knowledge and information for you.

Remember when presenting this information many of these interact with one another and it is very hard to separate each from the other.

Culture/Ethnicity:

Intelligence across cultures, accessed October 18, 2012 from http://www.apa.org/ monitor/feb03/ intelligence.aspx

Culture Affects the way we use our brain, accessed October 18, 2012 from <http://psychcentral.com/news/2008/01/11/culture-affects-the-way-we-use-our-brain/1773.html>

Your Brain on Culture, accessed October 18, 2012 from http://www.apa.org/monitor/ 2010/11/neuroscience.aspx

Culture Wires the Brain: A Cognitive Neuroscience Perspective, accessed on October 18, 2012 from <http://www.sciencedaily.com/releases/2010/08/100803113150.htm>

Effect of culture on brain function, accessed on October 18, 2012 from <http://psychcentral.com/news/2010/08/04/cultural-environment-influences-brain-function/16380.html>

Gender:

Gender-Specific Differences Found in Human Brain, accessed on October 18, 2012 from <http://www.sciencedaily.com/releases/1999/04/990422061106.htm>

Gender and the brain, accessed on October 18, 2012 from [www.rci.rutgers.edu/~shors/pdf/gender\_brain\_Apr30\_2006.pdf](http://www.rci.rutgers.edu/~shors/pdf/gender_brain_Apr30_2006.pdf)

Girl Brain, Boy Brain?, accessed on October 18, 2012 from <http://www.scientificamerican.com/article.cfm?id=girl-brain-boy-brain>

Nurturance:

Brain/Cognitive Development, accessed October 18, 2012 from <http://www.childwelfare.gov/can/impact/development/brain.cfm>

Childhood environment affects brain growth and function, accessed October 18, 2012 from http://www.washingtonpost.com/blogs/on-parenting/post/childhood-environment-affects-brain-growth-and-function-new-studies-find/2012/10/16/ 1c226baa-17ba-11e2-a55c-39408fbe6a4b\_blog.html

Socio-economic status:

Effects of Socioeconomic Status on Brain Development, accessed October 18, 2012 from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2820392/>

Socioeconomic health disparities, accessed on October 18, 2012 from <http://www.apa.org/science/about/psa/2011/01/health-disparities.aspx>