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Growth and Development (Zygote and Embryo)

5.2 Cell differentiation

**Instructions:**

Divide your students into groups studying the zygote and embryo of livestock. Groups can consist of the biology of a zygote and embryo, the development of each, what a zygote and embryo are and finally the period of a zygote and embryo. Each group may make a power-point and/or a diagram. This lab is just so students may have the understanding in the difference of a zygote versus an embryo. Have each group present after only a day or two of research.

**Materials:**

Access to computers and arts and crafts (have the students be creative!).

**Website:**

<http://www.wisegeek.com/what-is-a-zygote.htm>

<http://www.preservearticles.com/2012022123508/essay-on-the-growth-and-differentiation-in-animal-cells.html>