

LT: I can describe gametogenesis in order to compare male and female gametes. **4.4.1c; 1.1.4**

Task 1: Visit the following link to describe gametogenesis:

<https://www.ck12.org/biology/gametogenesis/lesson/Gametogenesis-BIO/>

Gametogenesis:

	Spermatogenesis	Oogenesis
Gamete		Egg
Location	Testes	
Number of Gametes produced	Millions per day	
Products of Meiosis	4	Unequal division of cytoplasm Polar bodies
Start of Process	Begins at puberty	
Duration of Production		Ends at menopause

TASK 2: Using graph paper, strategize a plan to draw male and female gametes to scale.

A male sperm cell consists of a flat, disc shaped head 5.1 μm by 3.1 μm and a tail 50 μm long. The tail flagellates, which propels the sperm cell by whipping in an elliptical cone.

A female egg is about 100 micrometers in diameter, which is large for a cell.