

Inquiry Question**What does a human sperm look like?****Name:** _____ **Date:** _____

There are 5 to 10 million sperm in a single drop of semen!

These sperm play a crucial role in the reproduction and survival of a species but what do we know about these sperm cells?

Sperm are produced in the testes and then transported to the epididymis, where they are stored while they mature. The testes and epididymis are contained in a sac called the scrotum. They are outside of the human body because sperm cannot develop properly at the normal body temperature of 98.6°F or 37°C. They must be kept about two degrees cooler for proper sperm development.

What do sperm cells look like? What are the different parts of a sperm cell? What role do each of these parts play?

In this project you will research the human sperm to see what they look like and learn of their different parts. You will need to draw and label the various parts of a human sperm. You will also identify the function of each of these parts.

General Instructions

The goal of this project is to become familiar with the different parts of a human sperm cell and their functions.

Materials you'll need:

- internet access
- pencil and coloured pencils
- paper

Ideas and Hints:

Research images of the human sperm. Make a drawing of the sperm, labeling the various parts. You must also describe the functions of each part.

The vocabulary to include is:

- head
- neck
- middle piece
- plasma membrane
- tail
- mitochondrion
- nucleus
- acrosome

Project submission:

Once you have completed your drawing, labelled it and described the functions upload it to the project submission folder at the end of the unit.