**Science 9 - Reproduction Unit Name:**

1. The following is a list of terms that will be important to this biology unit. Please use a chrome book or your phone and your textbook to look up the term and find the meaning or role/function that makes sense to you. When ever possible draw a labelled diagram to show your understanding of a term.

You may want to visit the following informative site to search for and learn about some of these terms:

<https://www.expii.com/t/dna-role-in-inheritance-overview-importance-10171>

|  |  |  |
| --- | --- | --- |
| **Term** | **Meaning/Role of function** | **Diagram (if appropriate)** |
| Chromosome |  |  |
| Chromatin |  |  |
| DNA |  |  |
| Gene |  |  |
| Protein |  |  |
| Allele |  |  |
| Trait |  |  |
| Ribosome |  |  |
| Cell Nucleus |  |  |
| Somatic cell |  |  |
| Gamete |  |  |
| Asexual reproduction |  |  |
| Sexual reproduction |  |  |
| Fertilization |  |  |
| Mitosis |  |  |
| embryo |  |  |
| zygote |  |  |

1. Read your textbook pages 122 – 125, and complete the reading check on page 124.

Copy and label figure 4.2 on the parts of the nucleus in the space below!

1. List several reasons why the nucleus is important to cells?