**YEAR 7**

**Independent learning to be completed during school closure**

**Science 22nd June - 3rd July**

**Over the course of a fortnight you would have 5 Science lessons. Please spend a minimum of 5 hours on the mini-project detailed below.**

**Cells**

**Watch this video:** <https://www.youtube.com/watch?v=v2lHztS4sMU&t=7s>

|  |  |
| --- | --- |
| Task | Description |
|  1  | Make a poster to show an Animal cell, Label the parts and explain the function |
|  2 | Make a poster to show a Plant cell, Label the parts and explain the function. |
|  3 | Visit the website cellsalive.com |
|  4 | Explain the difference between a plant cell and a Animal cell |
|  5 | Pick an organ in the body and explain its structure and function |
|  6 | Make a model of a specialised cell - Sperm cell, nerve cell, red blood cell |
| 7 | Define these key words - Nucleus, Cytoplasm, Cell membrane, tissue, organ, Specialised. |
| 8 | Make a mind map of the whole cells topic - include animal cells, plant cells, specialised cells. |