Viruses

**Virus Definition**

* A non-cellular, lifeless particle
* Not classified in any of the kingdoms
* Cannot make its own energy!
* Unable to reproduce unless it invades a living cell
* There are 165 groups of viruses
  + one group called the **bacteriophages,** attack bacteria and they have been studied by scientists to assist in our understanding of viruses

**Virus Structure**

Made up of 2 parts:

1. Genetic material which either DNA or RNA

2. Capsid – a protective protein coat

Virus Discovery Research

|  |  |
| --- | --- |
| Virus Name: |  |
| Structure: |  |
| Function: |  |
| Transmission: |  |
| Any cures/treatments: |  |
| Biotechnology – is your virus used to help humans? |  |