**Your Task: Cell structure - Prokaryotic and eukaryotic organelles**



**ST BENEDICT'S CATHOLIC SCHOOL**

**Applied Science: Biology**

Y

**Recommended Resources:**

* GCSE CGP revision book or textbook <https://www.youtube.com/watch?v=TgPbichDIjA>
* A-Level biology textbook
* Applied Science AQA site

**Key words linked to the syllabus:**

|  |  |  |
| --- | --- | --- |
| **Key word** | **In plants, animals and/or bacterial cells?** | **Function** |
| Nuclei |  |  |
| Smooth endoplasmic reticulum |  |  |
| Rough Endoplasmic reticulum |  |  |
| Mitochondria |  |  |
| Vesicles |  |  |
| Lysosomes |  |  |
| Golgi apparatus |  |  |
| Chloroplasts |  |  |
| Vacuoles |  |  |
| Cell walls |  |  |
| Ribosomes – 70S |  |  |
| Ribosomes – 80S |  |  |

**Teacher Stamp:**

**Date: …………………….**

**Questions I need to ask in the lesson:**

**Watch clip and read the Khan article too before thinking about questions to ask**

<https://www.youtube.com/watch?v=TgPbichDIjA>

|  |  |  |
| --- | --- | --- |
| **Key word** | **In plants, animals and/or bacterial cells?** | **Function** |
| Flagella |  |  |
| Nucleoid |  |  |
| Plamids |  |  |
| Mesosomes |  |  |
| Pili |  |  |
| Slime capsules |  |  |

**Task: Label each of the identified in the PLANT cell below.**

