**Year 9** **Biology Revision Guide – Trinity Term Exam**

**Examination details**:

**Time: 1 hour**

The paper will be made up of structured questions (i.e. short answers) selected from the Key Stage 3 Biology topics studied in the first two terms and the GCSE work covered since February half term – see below for details.

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| **Topics** | **Textbook**  **pages** | **Revision check** |
| **Variation for survival** Causes of Variation  Types of variation and data presentation  Natural selection & Darwin | Collins Book 3  14/15 and 18/19 |  |
| **DNA**  Why are we all different?  Nucleus of the cell/DNA structure  Reproduction & Mutation  Cloning (Plants)  Extinction | Collins Book 3  22/23 and 32/33 |  |
| **Health**  Types of pathogen  How diseases spread  Body defences  White blood cells  Killing microbes (inc. antibiotics)  Vaccinations  Effects of Smoking on the body | Collins Book 3  42/43,  56/57, 62/63, 64/65 |  |
| **Cells** (details in the specification on Firefly/in your files)Cell StructureDifferences between plant and animal cells specialised cells (root hair cell, xylem, phloem, muscle, sperm, nerve)  Prokaryotic cells  Magnification calculations | AQA GCSE textbook (Kerboodle)  4 to 13 and 36/37 |  |
| **Circulation** (details in the specification on Firefly/in your files)  Blood  The structure of the heart  Blood vessels | AQA GCSE textbook (Kerboodle)  52 to 57 and 60/61 |  |

* Review the Checking your Progress sheets for each topic and test your knowledge of the key words
* Write a ✓ or 🗶 or **?** in the revision check column to monitor your revision progress.
* Work through the ‘Y9 Bitesize Revision Document’ via Firefly.
* Revise how to draw graphs (line, bar), as well as how to describe patterns shown in the data.
* Go through your previous topic tests and check your strengths and weaknesses – learn your corrections!