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| PAG No. | PAG | Practical | Spec | Evidence | Date complete |
| 1.1 | Microscopy | Mitosis – garlic roots | 2.1.6 d Foundations in Biology - Cell division, diversity and organisation | Drawings, calcs |  |
| 2.1 | Dissection | Heart and blood vessels | 3.1.2 c,eExchange & transport in animals | Drawings, measurements of 4 chambers |  |
| 3.2 | Sampling techniques | Measurement of distribution & abundance of plants | 4.2 Biodiversity, Evolution and disease - Biodiversity  | Data table (at least 8 quadrats), labelled diagramsKite diagram or suitable graph |  |
| 4.1 | Rate of enzyme controlled reactions | Effect of substrate concentration on the rate of hydrogen peroxide breakdown by catalase | 2.4.5Foundations in Biology - Enzymes | Data table, graph calcs |  |
| 5.1 | Colorimeter or potometer | Membranes (beetroot) | 2.1.5 cFoundations in Biology - membranes | Results, graph |  |
| 6.1 | Chromatography or electrophoresis | Identifying amino acids in a protein | 2.2.11 Foundations in Biology – biological molecules2.1.2s 5.1.3 | chromatogramRF value calcs |  |
| 7.1 | Microbiological techniques | Effects of antibiotics on bacteria growth | 6.2.1 Cloning and biotechnology - micro organism cultures  | Drawing agar plate (inc clear zones) Measurements of clear zones Antibiotic discs resultsCalcs  |  |
| 8.1 | Transport in and out of cells | Osmosis in potato cells | 2.1.5 c-d, 2.1.5eFoundations in Biology -  membranes | Serial dilution evidence, calcs, table graph |  |
| 9.1-3 | Qualitative testing | Qualitative testing of proteins, lipids and glucose | 2.2.5 Foundations in Biology – Biological molecules | Results, photos, method |  |
| 10.1 | Investigation using a data logger or computer modelling | Investigating DNA structure using RasMol | 6.2.1 Genetics, evolution and ecosystems – Manipulating genomes | Detailed image of DNA structure using RasMolKey features identified |  |
| 11.1 | Investigation into the measurement of animal responses | Effect of exercise on pulse rate | 5.1.5 k Communication, homeostasis and energy – Plant and animal responses | Set of data for 15 or more studentsData collected and use of stats test |  |
| 12.3 | Research skills | Oxygen rate and pond weed | 5.2.1 Photosynthesis | Research– raw data write up of experiment sources cited etc |  |