Year 9 Genetics - Learning Journey

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| Lesson | Oi! Remember this! |
| **1.) Specialised Animal and Plant Cells** | **Cells become specialized to do a particular job** |
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| **2.) Organisation of Organisms** | **Build bodies from Cells to Tissues, to Organs to Organisms** |
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| **3.) Fertilisation** | **Fusion of nuclei = 1 cell** |
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| **4.) Continued Development** | **Development continues by cells dividing** |
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| **5.) Inherited and Environmental characteristics** | **There are two types of variation** |
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| **7.) D.N.A. discovery (Franklin, Watson &Crick)** | **DNA is code, one gene = one protein** |
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| **8.) Inheritance of Genes** | **Characteristics depend on pair of genes** |
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| **9.) Selective breeding** | **Human chooses which animals breed for particular characteristics** |
| **10 & 11.) Cloning and Ethics of cloning** | **Using ideas about development to make lots of copies of the selected animal/plant**  **Year 7 – Cells (Cells to Organs), Life (Fertilisation & Development)**  **Year 7 & 8 - Variation** |
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| **12.)Synoptic Assessment** |  |