**Table: Summary of distribution of** **thematic development, social interaction strategies and multimodal representations per teacher**

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| **Teacher** | **Lesson** | **Genetics concepts covered** | **Thematic development strategies** | **Social interaction strategies** | **Multimodal representations** |
| **Mrs. Durand** | 1 | Structure of chromosomes, cell division mitosis, the cell cycle including process of mitosis, importance of mitosis, difference in telophase between plant and animal cells | **Monologue** Selective summary, fore/backgrounding,  **Dialogue** Teacher Question series, Learner Question | Marking old information, controlling pacing, marking importance, admonition, signalling boundaries, | Hands, notes, symbols, images, stress, high pitch, acronym, dragging words, worksheet,  Verbal, visual gestures |
| 2 | Inheritance, monohybrid cross | **Monologue** Selective summary**,** narrative, fore/backgrounding  **Dialogue** Teacher Question series and Joint construction, Learner-Teacher Duolog | Signalling boundaries, controlling pacing, marking importance, getting personal | Notes, images, symbols, pictures, stress, analogy, high pitch, hands |
| 3 | Monohybrid cross | **Monologue** Logical exposition, narrative, selective summary  **Dialogue** Teacher question series  Learner-Teacher Duolog | Controlling pacing, signalling boundaries, admonition, marking old information & importance | Worksheet, notes, symbols, pointing, stress, high pitch, |
| **Mrs. Letsiba** | 1 | Structure of a chromosome, process of meiosis, Abnormal meiosis and consequences, similarities and differences between meiosis and mitosis | **Monologue** Selective summary,fore/backgrounding, logical exposition  **Dialogue** Teacher question series, Cross-Dialogue**,** Learner-Teacher Duolog, ETD | Signalling boundaries, getting personal, being funny | Hands, notes, symbols, stress, hands, smiling, board work, textbook, low pitch, roleplay, song |
| 2 | Inheritance, Monohybrid crosses, sex determination, sex-linked inheritance | **Monologue** Selective summary, narrative, logical exposition,  **Dialogue** Learner Question, Learner Duolog | Marking old information, getting personal, signalling boundaries, being funny, marking importance, | Notes, symbols, hands, stress, dragging words, low pitch, roleplay |
| 3 | Monohybrid cross, sex determination, sex-linked inheritance | **Monologue** Selective summary, logical exposition | Marking old information, getting personal, being funny | Symbols, notes, pointing, high pitch, fingers, roleplay |
| **Mr. Zindi** | 1 | Structure of chromosomes, cell division mitosis, the cell cycle including process of mitosis, difference in telophase between plant and animal cells | **Monologue** Selective summary, fore/backgrounding  **Dialogue** Teacher question series | Signalling boundaries, marking old information | Symbols, notes, stress, hands, nodding |
| 2 | Inheritance, Monohybrid crosses | **Monologue** Narrative, logical exposition  **Dialogue** Teacher question series | Signalling boundaries, being funny, getting personal, | Notes, symbols, images, stress, hands, pointing, |
| 3 | Monohybrid crosses | **Monologue** Selective summary, logical exposition, narrative, **Classwork**  **Dialogue** Teacher question series | Signalling boundaries, | Notes, symbols, hands, higher pitch, |
| **Mr. Zulu** | 1 | Structure of chromosomes, cell division mitosis, the cell cycle including process of mitosis, difference in telophase between plant and animal cells | **Monologue** Selective summary, fore/backgrounding  **Dialogue**  Teacher question series | Marking old information, admonition, signalling boundaries | Stress, images, |
| 2 | Concepts of inheritance, Monohybrid crosses, sex determination, sex-linked inheritance | **Monologue** narrative,logical exposition  **Dialogue** Teacher question series,  Learner Question | Signalling boundaries, marking old information, | Stress, high pitch, notes, symbols, hands, |
| 3 | Dihybrid crosses, Genetic lineages/pedigree diagrams | **Monologue** Logical exposition, Classwork  **Dialogue** Learner-Teacher Duolog, ETD, Joint construction, Learner Challenge **Classwork** | Getting personal, signalling boundaries, marking importance, | Symbols, notes, hands, textbook, |

**Numbers in brackets- Instances**, EXT- External Text Dialogue