**Science 1.9 AS 90948** Demonstrate understanding of biological ideas relating to genetic variation



Writing Excellence answers to **Variation and Survival** questions

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| **Variation and Survival QUESTION** |
| **Question:** Discuss why variation caused by sexual reproduction in a population http://www.outdoorcanvas.co.uk/library/original/59525-giraffe--white-background.jpgof plants or animals is an **advantage** in a changing environment, such as a period of drought (a period of time of very dry weather, when there is no or very little rain). Support your answers with examples.  |
| **ANSWER** |
| 1. define **genetic variation** |  |
| 2. explain **sexual reproduction** as the process that gives individuals genetic variation |  |
| 3. **link advantage to survival** to changing environment |  |
| 4. **discuss your example** and link to how it is an advantage in a drought (or other changing environment) |  |
| 5. link survival of some to **survival of the species** |  |

NOTE: The white column is how your answer would appear on your test paper so make sure you **write out complete sentences**. The grey area is just to help you structure your answer and would not appear in the question.