
1. Who, What and Why?

- 1.1 (a) The characteristics inherited from one parent and the characteristics inherited from the other parent.
(b) There are many possible predictions you can make. One possible prediction could be as follows. Suppose each parent carries a dominant and a recessive gene for some characteristic. Chances are that one-quarter of the offspring will inherit a dominant gene from each parent.
- 1.2 Science is not about being repeatable. Rather, it is about being testable. The prediction of background radiation was testable by observations.
- 1.3 It does not explain why it occurs - it simply describes what the pattern is.
- 1.4 No. It can be improved by focusing on the how the knowledge is obtained rather than the knowledge itself.
- 1.5 This varies from student to student.