Edexcel iGCSE Biology Checklist

Section E18: Genes and Inheritance

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| ***I can***  | ☺ | 😐 | ☹ |
| understand that genes exist in alternative forms called alleles which give rise to differences in inherited characteristics  |  |  |  |
| understand the meaning of the terms: dominant, recessive, homozygous, heterozygous, phenotype, genotype and codominance |  |  |  |
| describe patterns of monohybrid inheritance using a genetic diagram |  |  |  |
| understand how to interpret family pedigrees  |  |  |  |
| predict probabilities of outcomes from monohybrid crosses |  |  |  |
| understand that the sex of a person is controlled by one pair of chromosomes, XX in a female and XY in a male |  |  |  |
| describe the determination of the sex of offspring at fertilisation, using a genetic diagram |  |  |  |
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