Edexcel iGCSE Biology Checklist

Section C13: Reproduction in Plants

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| ***I can*** | ☺ | 😐 | ☹ |
| understand the differences between sexual and asexual reproduction |  |  |  |
| understand that fertilisation involves the fusion of a male and female gamete to produce a zygote that undergoes cell division and develops into an embryo |  |  |  |
| describe the structures of an insect-pollinated and a wind-pollinated flower and explain how each is adapted for pollination |  |  |  |
| understand that the growth of the pollen tube followed by fertilisation leads to seed and fruit formation |  |  |  |
| understand the conditions needed for seed germination |  |  |  |
| understand how germinating seeds utilise food reserves until the seedling can carry out photosynthesis |  |  |  |
| understand that plants can reproduce asexually by natural methods (illustrated by runners) and by artificial methods (illustrated by cuttings) |  |  |  |
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