** A level Year 2** Eduqas Component 2

**Sexual Reproduction in Plants**

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|  |  | R | A | G |
| 1 | the generalised structure of flowers to be able to compare wind and insect pollinated flowers |  |  |  |
| 2 | the development of pollen and ovules, including examination of prepared slides of anther and ovary |  |  |  |
| 3 | cross and self-pollination |  |  |  |
| 4 | the process of double fertilisation |  |  |  |
| 5 | the formation and structure of seed and fruit as shown by broad bean and maize |  |  |  |
| 6 | the process of germination of *Vicia faba* (broad bean) |  |  |  |
| 7 | the effect of gibberellin |  |  |  |

**SPECIFIED PRACTICAL WORK**

Investigation of the digestion of starch agar using germinating seeds

Dissection of wind and insect-pollinated flowers

Scientific drawing of a low power plan of a prepared slide of an anther, including

calculation of actual size and magnification of drawing