1. From what does a seed develop?

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1. Distinguish between endospermic and non-endospermic seeds.

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1. What is a cotyledon?

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1. Name a monocotyledon.

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1. Name a dicotyledon.

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1. Name a part of a flower that may develop into a fruit.

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1. In each of the following cases give one example of a plant that uses the stated method of seed dispersal: 1. Wind 2. animal.

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1. Why is it important for plants to disperse their seeds?

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1. State one method that is used to produce seedless fruits.

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1. What is the role of the fruit?

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1. From what structure in the carpel does the seed develop?

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1. State two locations in the seed where food may be stored.

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1. The embryo plant within the seed has a number of parts. List two of these parts, apart from food stores, and give a role for each of them.

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1. Seeds and fruits need to be dispersed. Give: 1. Two methods of dispersal. 2. Two advantages of dispersal to the plant.

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1. Name a part of the flower from which fruit forms.

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1. Give three examples of the ways in which fruits are involved in seed dispersal.

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1. Suggest why it is necessary for a plant to disperse its seeds.

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1. State one way in which it is possible to produce seedless fruits in horticulture.

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1. Which part of the embryo in a germinating seed gives rise to each of the following parts of the seedling? 1. The root 2. The shoot.

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1. Each seed is made up of an embryo, a food store and a seed coat (testa). One function of fruit is to aid dispersal. Explain each of the underlined terms.

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1. By which method are the seeds of each of the following fruits dispersed? Blackberries, Sycamore fruit.

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1. After fertilisation, what part of the flower becomes the fruit?

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1. Many seedless fruits, e.g. grapes, are available in shops today. State one way of forming seedless fruits.

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1. As the seed forms following fertilisation, a food store develops in one of two structures. Name any one of these structures.

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1. After fertilisation, what part of the flower becomes the fruit?

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1. Give two methods of seed dispersal in plants.

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1. Why is it necessary for plants to disperse their seeds?

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