Plant reproduction

Ecosystems 3.9.2 | Part 1, usually Year 7 | 20 quick questions

KS3 science quick questions

Answer online, marked instantly

Activate 1: Reproduction | Exploring Science 8B

Name: _____ **Date:** _____ **Score:** _____ **/ 20**

1 What is the name of the male part of a flower?

2 Which part of the stamen makes pollen?

3 Which stalk holds the anther up?

4 What is the name of the female part of a flower?

5 Which sticky top part of the carpel catches pollen?

6 Which part of the carpel contains the ovules?

7 Which brightly coloured parts of a flower attract insects?

8 What is the name for moving pollen from an anther to a stigma?

9 Grass has small, dull flowers and light, smooth pollen. How is it pollinated? Answer in one word.

10 A flower has bright petals, a sweet smell and sticky pollen. How is it pollinated? Answer in one word.

11 A pollen nucleus joins with an ovule nucleus. What is this called?

12 After fertilisation, what does the ovule grow into?

13 What is the word for seeds being spread away from the parent plant?

14 A dandelion seed has a fluffy parachute. How is it dispersed? Answer in one word.

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15 Birds eat blackberries and the seeds come out in their droppings far away. How are these seeds dispersed? Answer in one word.

Year 9 stretch

16 A tomato is cut open and it is full of seeds. Which part of the flower did the tomato grow from?

17 Three dishes of seeds are kept in the dark: damp cotton wool in a fridge, dry cotton wool in a warm cupboard, and damp cotton wool in a warm cupboard. Only the warm, damp seeds grow. Name one thing this shows seeds need to start growing.

18 Pea pods dry out and burst open, flinging their seeds out. What is this method of dispersal called?

19 Explain why it helps a plant if its seeds land far away from it.

20 Coconuts are light, hollow and waterproof. How are they dispersed? Answer in one word.

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