

## Bea's Brilliant Living Things Quiz

*Learning objective: To identify and describe the life cycles of mammals, amphibians, insects, and birds, and understand the process of reproduction in plants.*

Join Bea the honeybee on a flight through the garden! Read each question carefully and circle the best answer or write your response in the space provided.

Answer Key: 1. A (Mammal); 2. True; 3. Metamorphosis; 4. C (Stamen); 5. False (They lay eggs); 6. Germination; 7. True; 8. B (Amphibian); 9. Pollination; 10. True.

*Word bank: metamorphosis · pollination · germination · asexual · mammal · amphibian · larva*

**1. 1. Which group of animals gives birth to live young and feeds them milk? A) Mammal\* B) Amphibian C) Insect D) Bird (1 mark)**

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**2. 2. True or False: Flowering plants can reproduce sexually through seeds. (1 mark)**

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**3. 3. What is the name of the process where an insect undergoes a dramatic change in body form, such as a caterpillar becoming a butterfly? (1 mark)**

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**4. 4. Which part of a plant produces pollen? A) Petal B) Root C) Stamen\* D) Leaf (1 mark)**

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**5. 5. True or False: All birds give birth to live young. (1 mark)**

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**6. 6. What is the name of the process when a seed begins to grow into a new plant? (1 mark)**

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**7. 7. True or False: Some plants can reproduce asexually, like strawberry plants growing 'runners'. (1 mark)**

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**8. 8. Which of these animals lays its eggs in water and has a life cycle that includes a tadpole stage? A) Mammal B) Amphibian\* C) Insect D) Bird (1 mark)**

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**9. 9. What is the name of the process where pollen is moved from one flower to another by bees or wind? (1 mark)**

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**10. 10. True or False: A lifecycle describes the stages an organism goes through from birth to death. (1 mark)**

**Draw: Draw a labelled diagram of the life cycle of a butterfly, showing the four stages: egg, larva, pupa, and adult.**



*Extension challenge: Research the life cycle of a frog and a sunflower. Write a short paragraph explaining one major difference between the way they grow and develop.*