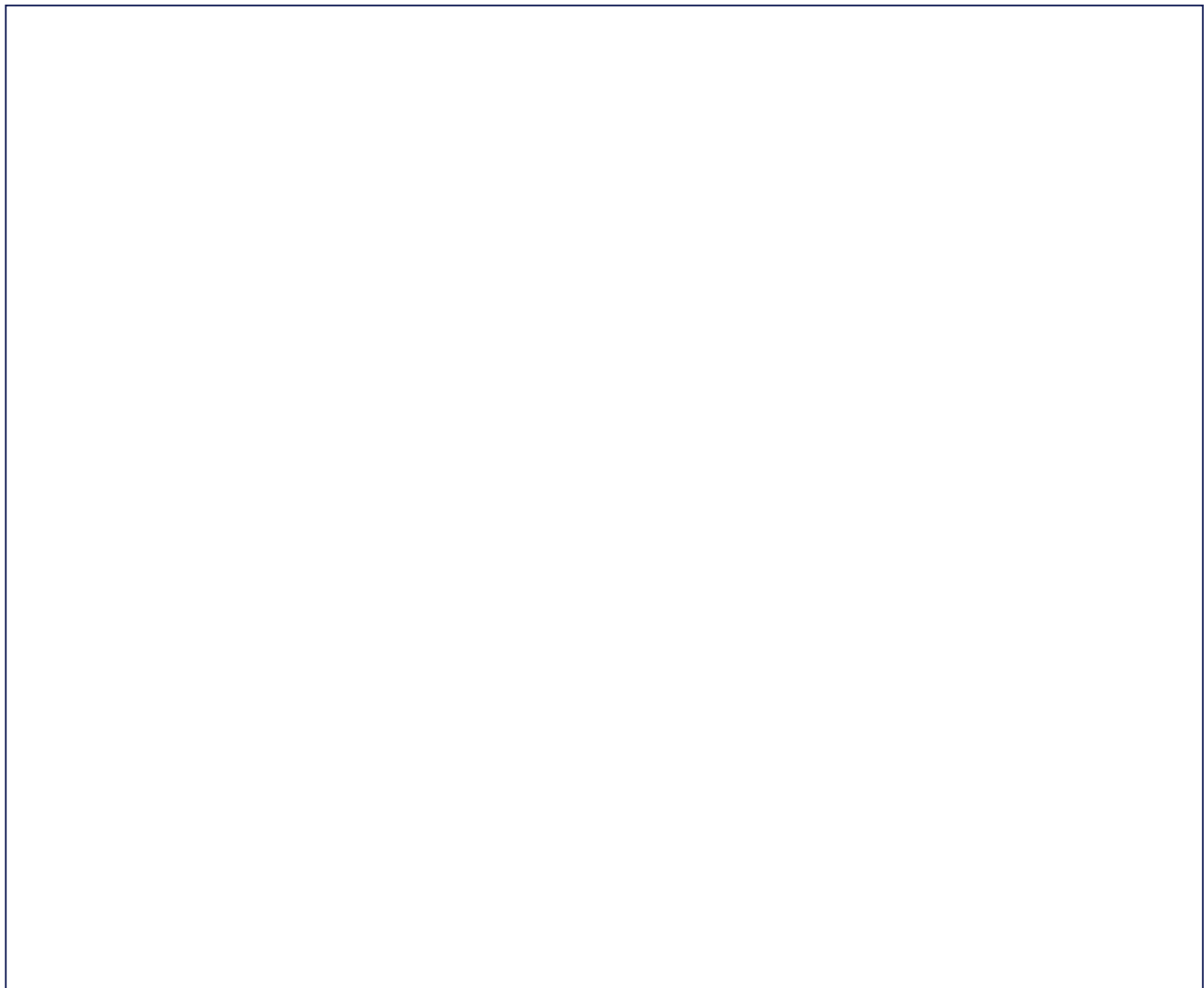


Bea's Garden Classification Challenge

Learning objective: To create and use a branching classification key to identify living things based on observable characteristics.

Follow the steps below to design your own classification key for the garden creatures Bea has found. Use the word bank to help you label your diagram clearly.

Draw: Draw a clear, branching diagram on a clean sheet of paper. Use rectangular boxes for your questions and circles for the animal names. Ensure your lines are straight and use a ruler. Decorate the borders with small sketches of leaves and flowers to match Bea's garden theme. Keep the lines neat so the 'Yes' and 'No' paths are easy to follow.



Label words: Vertebrate · Invertebrate · Wings · No Wings · Feathers · Fur · Exoskeleton · Classification Key

Steps:

1. Step 1: Draw a box at the top of your page. Write 'Garden Animals' inside. Draw two arrows pointing down from this box, one for 'Vertebrate' and one for 'Invertebrate'.
2. Step 2: Under the 'Vertebrate' side, create a new question box: 'Does it have fur?'. Draw two branches from this: one for 'Yes' (leading to the rabbit) and one for 'No' (leading to the robin).
3. Step 3: Under the 'Invertebrate' side, create a new question box: 'Does it have wings?'. Draw two branches from this: one for 'Yes' (leading to the butterfly) and one for 'No' (leading to the beetle).

4. Step 4: Label each of your four final animal drawings with their correct name.
5. Application: If you discovered a new creature, why is it important to have a classification key to help identify it?