

Kit's Computing Data Collection

Learning objective: To collect, organize, and present data using tally charts and pictograms.

Help Kit the fox organize his collection of woodland treasures! Follow the steps to create a data display and answer the questions below.

Draw: Draw a large, clear pictogram in the space provided. Create a grid with three rows: one for 'Acorns', one for 'Pinecones', and one for 'Pebbles'. Use simple, neat shapes (like small circles or triangles) to represent the items. At the bottom of your drawing, include a 'Key' box that states: '1 shape = 1 item'. Make sure your drawing is tidy and easy to read.



Label words: Tally · Frequency · Key · Pictogram · Data · Total

Steps:

1. Draw a tally chart for Kit's items: 5 acorns, 3 pinecones, and 7 pebbles.
2. If one symbol in a pictogram represents 1 item, how many symbols would you need to draw for the pebbles?
3. What does the 'Key' tell us when we are looking at a pictogram?
4. Calculate the total number of items Kit found in the forest.
5. Why is it important to use a tally chart before drawing a final pictogram?