COLLECTING & GRAPHING DATA

Counting the Creek — Extension Version

Many-to-one graphs and interpreting data

"A good graph tells a clear story," says Ollie. "Choose a sensible scale."

1. Data: frogs 8, lizards 6, dragonflies 14, birds 10. Draw a column graph where each square = 2. Label axes and add a title.

2. In a pictograph, each picture = 4 creatures. How many pictures show 14 dragonflies? (Use half-pictures.) _____

3. How many more dragonflies than lizards? _____ How many creatures altogether? _____

4. Why might a many-to-one graph (each square = 2) be better than one square per creature here? Explain.

5. Write two true statements and one question that your graph could answer.