

Picture Graphs on a Device

Elaboration 3 · Building a picture graph with digital tools

ELABORATION FOCUS

Using digital tools to create picture graphs that represent data using one-to-one correspondence, deciding on an appropriate title for the graph, and considering whether the categories suit the context.

LEARNING INTENTION I can build a picture graph on a device and give it a good title.

Tool

One to one

Title

Category

Check

1

Enter the Data

Step 1: type each category and its total. Step 2: check them against your table.

2

One for One

Step 3: one picture stands for one answer. Step 4: keep every picture the same size.

3

Title and Check

Step 5: write a title saying what was counted. Step 6: check the categories suit the topic.

MODEL · A ONE-TO-ONE PICTURE GRAPH

Each icon stands for exactly one answer, and the totals match the table underneath.

cats ■■■■■■■■
dogs ■■■■
birds ■■

picture graph

column graph



One picture stands for exactly one answer, and the title tells the reader what was counted.

TEACHER MODELLING ROUTINE

I do → We do → You do

WATCH FOR

Accepting whatever the tool produces without checking the totals or the title.

REMEMBER

Say it to students as: "Does one picture mean one answer, and does the title say what was counted?"

MATERIALS

Tablets or laptops, a graphing or slides tool, printed data tables, whiteboard.

Teacher note: whatever tool you use, students should be able to point to the original table and match every total. A graph nobody can trace back to the data is just decoration.