YEAR 2 COMPUTING

Pictograms

How can we collect, present and compare data?

Example | Sorting counters by colour

Colour	Tally	Total	Pictogram
Red	| | | |	4	
Blue	| |	2	

Key Each circle shows one counter.

Red has the most. There are 2 more red counters than blue counters.

What we need to know

Group by an attribute

An attribute is a feature, such as colour or shape. Choose a feature to sort what you are counting.

Collect and count

Make a tally mark for each item. The fifth mark crosses the first four. Count the marks to find the total.

Show the same data in different ways

Enter your totals into a computer. A pictogram uses pictures. A block diagram uses blocks.

Compare the groups

Read the key. Use the totals to say which group has the most or least and how many more or fewer it has.

Think before you share

Keep personal details, such as your address, private. Tell a trusted adult if someone asks for them.

Key words

data Information we collect.

attribute A feature, such as colour or shape.

tally chart A chart that uses marks to count.

pictogram A chart that uses pictures to show data.

key Tells us what each picture stands for.

block diagram A chart that uses blocks to show data.

Can you remember?

1. What attribute did we sort by?
2. How many blue counters are there?
3. How many more red counters are there?
4. What information should stay private?

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