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Learning intention

- sort and order data and information and represent patterns, including with provided tables and visual or physical models

Teach and model

- adding labels to a drawing or digital photograph to indicate key features, such as properties of materials that stay the same when changed physically, or to indicate how...
- ordering images of the changing appearance of the moon to show a monthly cycle
- using a graphic organiser to sort images of musical instruments and the actions used to produce their sound

Check understanding

- Explain the main idea in and order data and information and represent patterns, including with... using an example.
- Show the idea in a second way: with words, a model, a diagram or symbols.
- Apply the idea to a short unfamiliar situation and justify the result.

Teaching cautions

- Ask the student to explain their choice, not only state an answer.
- Check that key vocabulary is understood in a new example.
- Mix representations so the skill is transferred rather than copied.

Quick lesson sequence

- Connect to prior knowledge and introduce the key vocabulary.
- Model one clear example, then solve a second example together.
- Finish with an independent check and a short student explanation.