

And interpret grid reference systems using grid references and directions...

create and interpret grid reference systems using grid references and directions to locate and describe positions and pathways

Learning intention

- create and interpret grid reference systems using grid references and directions to locate and describe positions and pathways

Teach and model

- interpreting a grid reference map of a familiar location of interest, such as a map of the showgrounds, a food festival, a botanical garden, a park in the local area or a train...
- recognising that a spreadsheet uses a grid reference system, locating and entering data in cells and using a spreadsheet to record data collected through observations or...
- comparing and contrasting, describing and locating landmarks, people or things in a bird's eye picture of a busy scene, such as people in a park, initially without a...

Check understanding

- Explain the main idea in and interpret grid reference systems using grid references and directions... 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.