The relationship between the hours and minutes on analog and...

describe the relationship between the hours and minutes on analog and digital clocks, and read the time to the nearest minute

Learning intention

- describe the relationship between the hours and minutes on analog and digital clocks, and read the time to the nearest minute

Teach and model

- representing and reading the time on an analog clock using the markings and the positions of the hands, to the nearest minute mark or five-minute interval
- reading and connecting analog and digital time, interpreting times, recognising and using the language of time; for example, 12:15 as a quarter past 12, or 15 minutes...
- reading analog clocks throughout the day, and noticing and connecting the position of the hour hand and the distance the minute hand has travelled during the current hour

Check understanding

- Explain the main idea in the relationship between the hours and minutes on analog and... 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.