

How people use science in their daily lives, including using...

describe how people use science in their daily lives, including using patterns to make scientific predictions

Learning intention

- describe how people use science in their daily lives, including using patterns to make scientific predictions

Teach and model

- recognising that astronomers use patterns of movement of celestial bodies in the sky, such as stars and comets, to make predictions about future appearances
- listening to music and learning from musicians about how music can be understood as patterns of sounds and how they use their body or instruments to create...
- discussing how we manage sound at home to ensure that we do not disturb each other or our neighbours, such as quietly closing doors, turning down the volume, taking off...

Check understanding

- Explain the main idea in how people use science in their daily lives, including using... 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.