

The form and function of reproductive cells and organs in...

describe the form and function of reproductive cells and organs in animals and plants, and analyse how the processes of sexual and asexual reproduction enable survival of the species

Learning intention

- describe the form and function of reproductive cells and organs in animals and plants, and analyse how the processes of sexual and asexual reproduction enable...

Teach and model

- examining how the male and female reproductive organ structures work collectively as a system
- explaining how the forms of male and female gametes relate to their specific function
- identifying and comparing sexual and asexual reproductive strategies in plants

Check understanding

- Explain the main idea in the form and function of reproductive cells and organs in... 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.