

Biological Diversity Matching Game

Biological diversity is reflected in the range of species found in local and global environments and in variations within individual species ([Topic](#)). This game helps you practise key vocabulary from Grade 9 science, including terms related to reproduction, inheritance, and ecological relationships. You will match eight core concepts: asexual, zygote, heritable, dominant, niche, symbiotic, mutualism, and chromosome ([Outcome](#), [Outcome](#)).

How to play

You have eight terms on the left and eight definitions on the right. Draw a line or write the letter to match each term to its correct definition. Each term matches exactly one definition. Work through the ones you know first, then use what you know about biology to reason through the others.

Match the pairs

Column A		Column B
A. asexual	_____	1. expressed trait, masks recessive
B. zygote	_____	2. binary fission, budding, spore production
C. heritable	_____	3. fertilized egg, embryo precursor
D. dominant	_____	4. both species gain advantage
E. niche	_____	5. mutualism, commensalism, parasitism
F. symbiotic	_____	6. eye colour, inherited trait
G. mutualism	_____	7. genetic material carrier, contains genes
H. chromosome	_____	8. ecological role, adapted position

Answer key

- **A** matches **2** (asexual: binary fission, budding, spore production)
- **B** matches **3** (zygote: fertilized egg, embryo precursor)
- **C** matches **6** (heritable: eye colour, inherited trait)
- **D** matches **1** (dominant: expressed trait, masks recessive)
- **E** matches **8** (niche: ecological role, adapted position)
- **F** matches **5** (symbiotic: mutualism, commensalism, parasitism)
- **G** matches **4** (mutualism: both species gain advantage)
- **H** matches **7** (chromosome: genetic material carrier, contains genes)