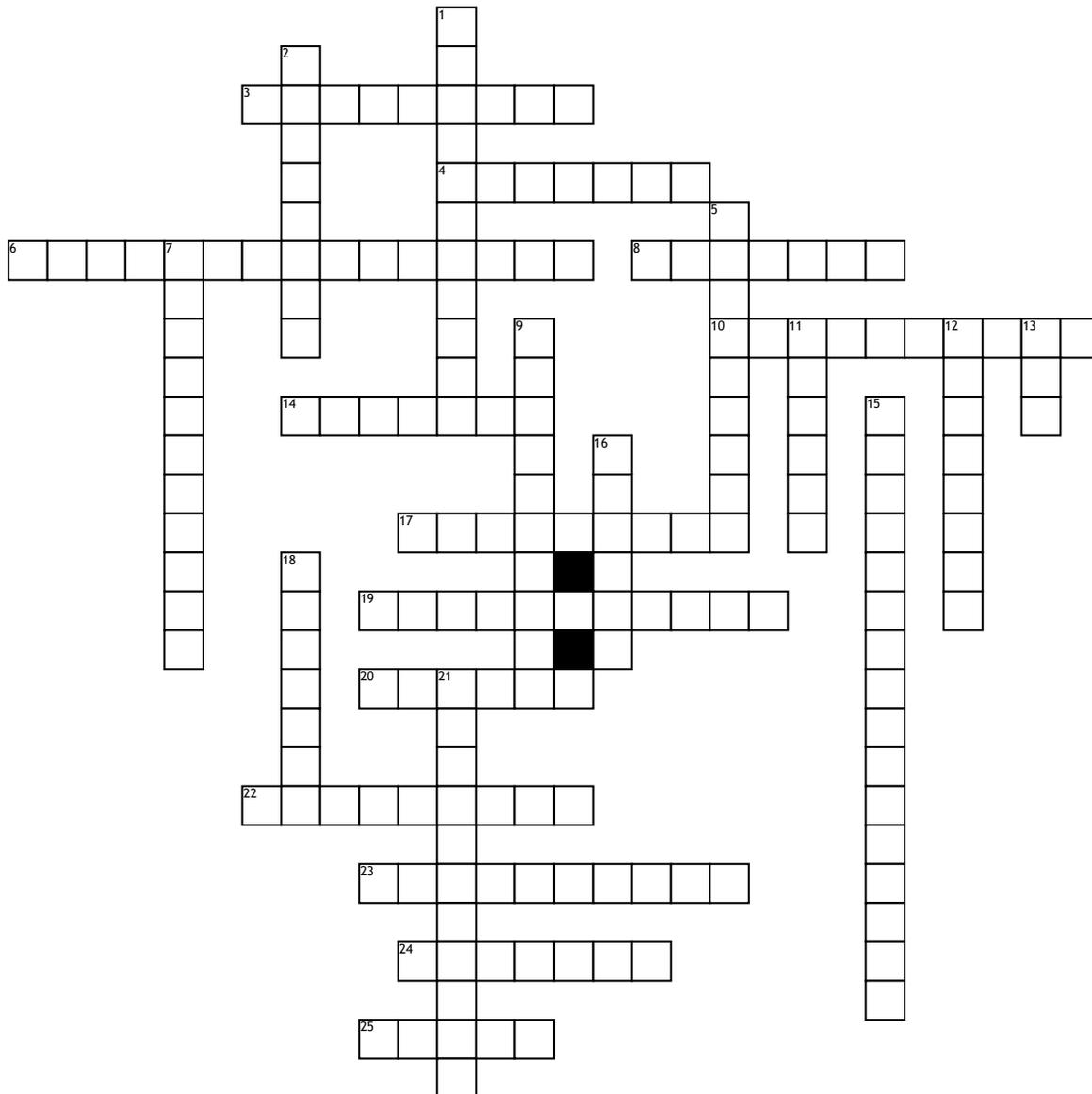# Higher Biology Unit 3

Across

3. A relationship between two different species of organism where both benefit from the relationship

4. Each layer in the pyramid is called a _____ level

6. A rank order of individuals in a group of animals

8. Cultural method to control weed populations

10. A type of control method which introduced a natural enemy of the pest to control its population

14. The enzyme which joins RUBP and CO2 to make 3PG

17. Component of cell walls made using glucose from photosynthesis

19. Light striking a leaf can either be absorbed, reflected or _____

20. Aspect of food security where people have economic means to obtain available food

22. A co-evolved intimate relationship between members of two different species

23. Animal behavious where the repeat movements which lack variation, a sign of poor welfare

24. Type of interbretate animal pest which includes slugs

25. Carried the Hydrogen from the first stage of photosynthesis to the carbon fixation stage

Down

1. Inbreeding depression is caused by the build up of homozygous recessive versions of these alleles

2. Aspect of food security where sufficient amount of food is always available

5. This chemical control is used to kill weed populations

7. Type of behaviour used to look submissive and unthreatening in animals

9. The name for the first stage of photosynthesis where light energy is used to split water

11. The by product produced during the first stage of photosynthesis

12. A naturalised species with spreads rapidly and eliminates the native species

13. Along with Hiydrogen, this product of the first stage of photosynthesis is used during the second stage

15. habitat fragmentation can be eased with these links built between the fragments

16. Name of the cycle during the carbon fixation stage of photosynthesis

18. aspect of food security where food is sufficiently nutritious and varied to provide a balanced diet

21. This photosynthetic pigment passes the energy it gains from the light it absorbs on to chlorophyll