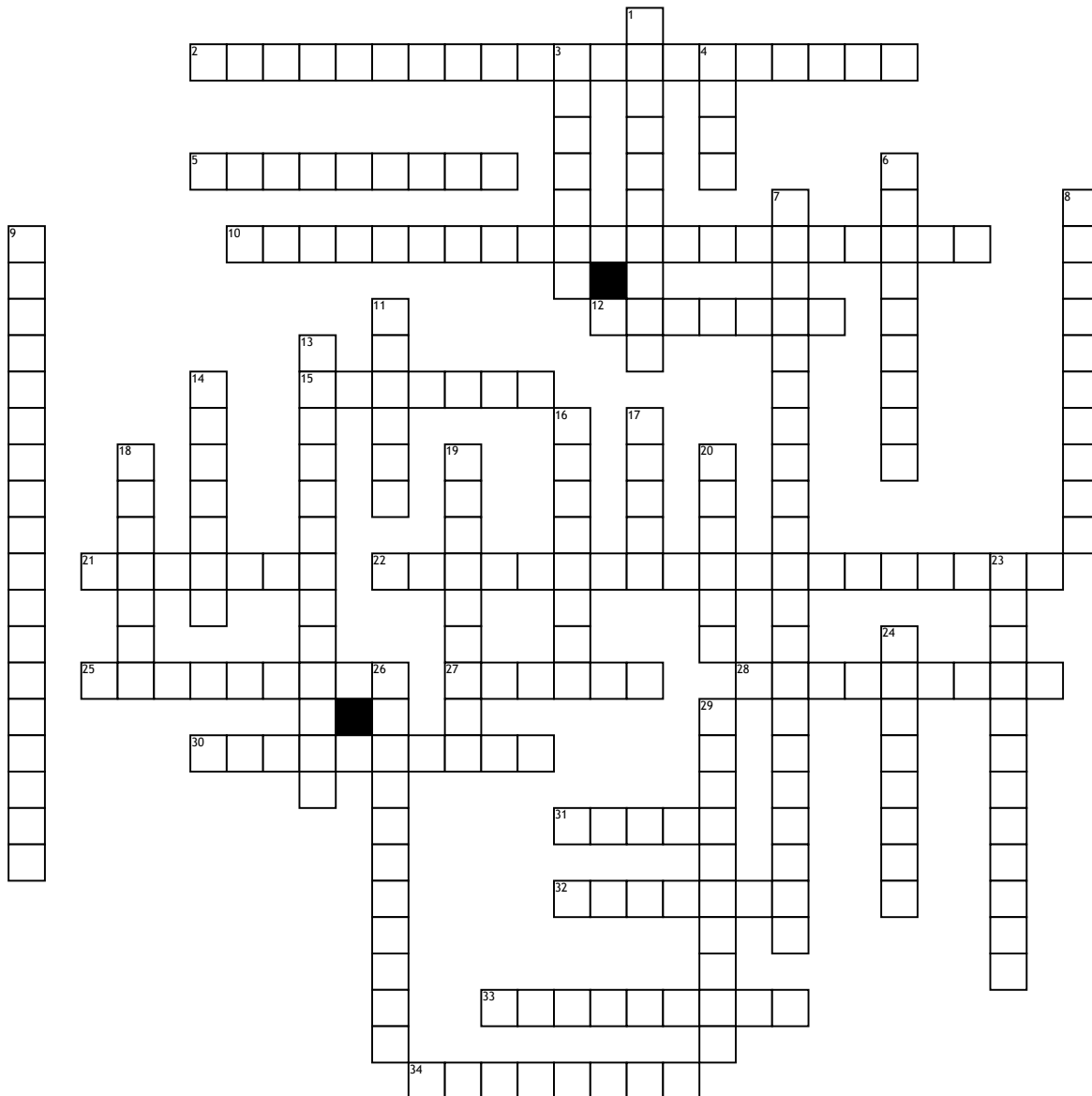


Unit 13 : Vocab



Across

2. A type of metamorphosis in which an egg hatches into a nymph that resembles an adult, and which has no distinctly different larval stage
 5. a series of steps in which organisms transfer energy by eating and being eaten
 10. The transformation of a larva into an adult that looks very different, and often functions very differently in its environment, than the larva.
 12. the process of shedding an outgrown exoskeleton
 15. the branch of biology concerned with the relations between organisms and their environment
 21. echinoderms characterized by five arms extending from a central disk
 22. system of fluid-filled tubes used by echinoderms in locomotion and feeding and respiration
 25. a consumer that eats only animals
 27. an arthropod with three body sections, six legs, one pair of antennae, and usually one or two pairs of wings
 28. invertebrate having jointed limbs and a segmented body with an exoskeleton made of chitin
 30. A radially symmetrical invertebrate that lives on the ocean floor and has a spiny internal skeleton; member of a group of marine invertebrates that includes sea urchins and sea stars
 31. a stage of gradual metamorphosis that usually resembles the adult insect

32. a mollusk that has two shells held together by hinges and strong muscles
 33. plant-eating animal
 34. extensions of echinoderms water vascular system that stick out from the body and function in movement and obtaining food

Down

1. any animal that carries pollen from one plant to another of the same species, enabling plants to reproduce
 3. the hind/back section of an arthropods body that contains its reproductive organs and part of its digestive tract
 4. stage of complete metamorphosis in which an insect changes from larva to adult
 6. member of a group of mollusks that includes snails and slugs; a mollusk with a single shell or no shell
 7. system in which blood is not always contained within a network of blood vessels
 8. an arthropod that has two or three body sections, five or more pairs of legs, and two pairs of antennae; lives in the water
 9. use of natural predators, pathogens, or competitors to regulate pest populations
 11. the middle part of an insect's body that bears the wings and legs
 13. the transformation of a larva into an adult that occurs in some animals

14. an invertebrate with a soft, unsegmented body; most are protected by a hard outer shell
 16. organism that obtains energy by eating both plants and animals
 17. organs that exchange oxygen and carbon dioxide with water
 18. an appendage attached to the head that contains sense organs
 19. a chemical used to kill pests
 20. a flexible ribbon of tiny teeth in mollusks
 23. internal skeleton or supporting framework in an animal
 24. an arthropod with two body sections, four pairs of legs, and no antennae
 26. external skeleton; tough external covering that protects and supports the body of many invertebrates
 29. an ocean-dwelling mollusk whose foot is adapted as tentacles that surround its mouth