

Clam Feeding and Digestion (Lesson 11)

Water enters the clam through the (1) _____, bringing with it microscopic food particles. These food particles are “trapped” by the (2) _____, the same organs that remove oxygen from the water. From the (2) _____ the food particles move toward the (3) _____ where they are swept in by tiny flaps called (4) _____. The food particles then travel through a tube called the (5) _____ to the main organ of digestion, which is the (6) _____. Absorption is accomplished by the (7) _____ and digestive wastes travel away from the (6) _____ via a tube called the (8) _____. The latter end of this tube is called the (9) _____. At the end of the (9) _____ is an opening called the (10) _____ through which digestive and liquid wastes empty into the (11) _____, an open area between the two gill pairs that leads to the (12) _____. The (12) _____ conducts all materials to the outside of the clam.