

④ Echinoderms

What You'll Learn:

List the characteristics of echinoderms.

Explain how sea stars obtain and digest food.

Discuss the importance of echinoderms.

Echinoderm Characteristics

*Live in the ocean

*Endoskeleton covered by thin bumpy skin

*nerve ring ,mouth, stomach, and intestines

*no head or brain

*Radial symmetry



Water Vascular System

*move, exchange gases, capture food, and release waste.



Sea Stars

*use tube feet to open shells of prey, insert stomach and release digestive chemicals

*reproduce sexually and can regenerate



Brittle Stars

*arms break off easily to help survive attacks

*move with flexible arms instead of tube feet



Sea Urchins and Sand Dollars

*disk shaped and covered with toxic spines

