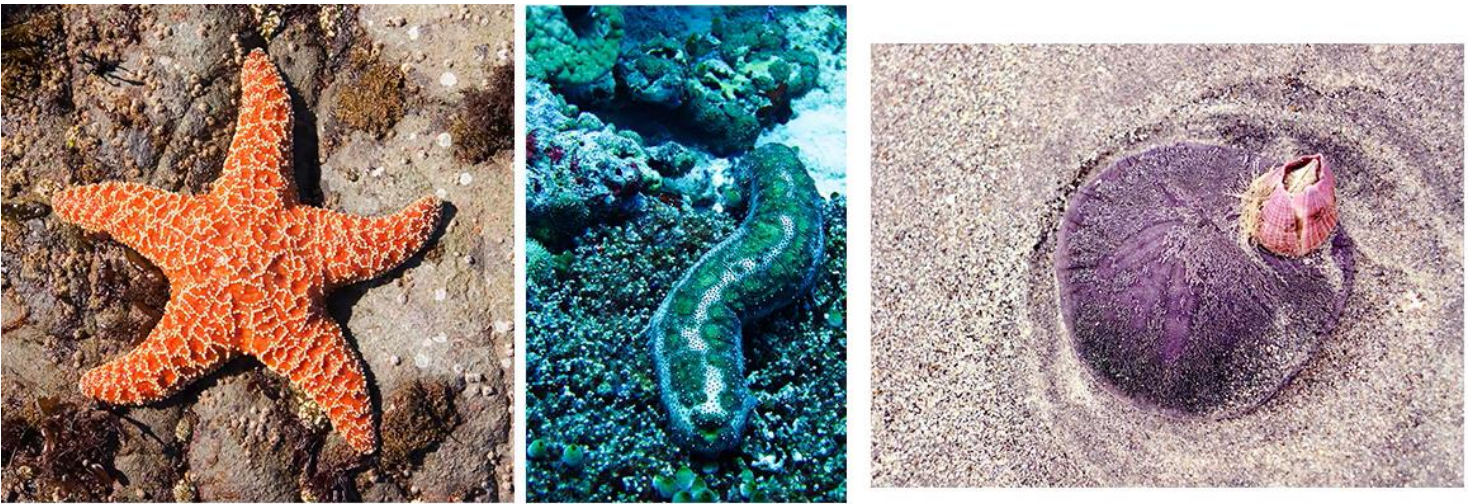


CONCEPT: ECHINODERMS

- **Echinoderms** – deuterostome marine animals, considered bilateral, named for the spiny skin in some species
 - Include starfish, seas urchins, sand dollars, and sea cucumbers
 - **Endoskeleton** – connected plates of calcium carbonate underneath the skin
 - Some species have plates that fuse together, in others they are connected by tissues
 - Can reproduce sexually, with separate sexes between individuals, can also reproduce asexually

EXAMPLE:



- Water vascular system – branching, fluid-filled chambers used for locomotion, internal transport, and respiration
- Tube feet – branched extensions to the water vascular system used in movement and feeding

EXAMPLE:

