

## Nervous System

- Decentralized without cerebral ganglia.
- Relatively simple receptors: chemoreceptors, statocysts, touch.
- Some brittle stars have sclerites that act as tiny lenses across their dorsal surface and work together as one giant lens.
- **Nerve ring:** surrounds mouth & branches off into nerve cords in each arm.
- **Eyespots:** on each arm that responds to light
- **Tentacles:** responds to touch