

## Sea Star Adaptation Chart With Answers

Organism: Sea star

ADAPTATION	HOW IT HELPS THE ORGANISM SURVIVE
TUBE FEET	<ul style="list-style-type: none"> <li>• WALK</li> <li>• CAPTURE PREY</li> <li>• PRY OPEN SHELLS OF PREY</li> <li>• STICK TO ROCKS IN STRONG CURRENT/WAVES</li> <li>• STICK UNDERNEATH ROCKS TO HIDE FROM PREDATORS</li> </ul>
WATER VASCULAR SYSTEM	<ul style="list-style-type: none"> <li>• CONTROLS TUBE FEET</li> </ul>
ABILITY TO REGENERATE BODY PARTS	<ul style="list-style-type: none"> <li>• REGROW ARMS FOR WALKING, CAPTURING PREY</li> <li>• REGROW ORGANS IF HARMED</li> </ul>
SPINES	<ul style="list-style-type: none"> <li>• PROTECTION FROM PREDATORS</li> </ul>
PINCERS (ALSO CALLED PEDICELLARIAE)	<ul style="list-style-type: none"> <li>• KEEP ALGAE AND OTHER ORGANISMS FROM GROWING ON IT</li> </ul>
STOMACH THAT EXTENDS OUTSIDE OF THE BODY	<ul style="list-style-type: none"> <li>• CAN FEED ON PREY LARGER THAN ITS MOUTH, SUCH AS CLAMS AND MUSSELS</li> </ul>