**Intertidal Zone Sensory Experiments**

**Try the following experiments.
Observe behavior of the animal after each experiment.
Record your evidence that each animal has particular types of senses.**

1. Move your hand (blocking the light) over tubeworms, mussels, and barnacles that are underwater and actively feeding.
2. Talk loudly close to tubeworms.
3. Touch the tentacle of an anemone. (Very important! Avoid touching them on the side!
4. Gently turn a sea star upside down. Watch how it turns itself back over and time how long it takes. Try this with different types of sea stars.
5. Can you pick up a chiton or limpet from a rock? Try doing it fast and then try with another chiton or limpet doing it slowly.
6. If you’re able to pick up a chiton from a rock, hold it in your hand.
7. Hold a scale worm in your hand.
8. Tickle a bristle worm (also called a sand worm) but keep your fingers clear of either end.
9. Gently touch different parts of clams (for example, the shell, the siphon, the edge of the mantle).