#### Name:

# **Tube Feet Test**

Mission to explore: Are tube feet the best adaptations for underwater sea stars?

### Hypothesis:

Check next to your hypothesis and explain your reasoning below.

Tube feet are not a good adaptation for sea stars.

Tube feet are a good adaptation for sea starts.

# Experiment:

With your partner take the tube feet (suction cups) and stick them to 5 hard surfaces around the classroom. Notice how the suction cups stuck to those surfaces. Then dip the suction cups into water and stick them to the same 5 surfaces. Notice how the suction cups stuck to the surfaces when it was wet. Did the suction cup stick better with or without water?

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## Conclusion:

Was your hypothesis correct? Now with your observations record why/why not tube feet are the best adaptation for underwater sea stars.