* Names: Van Dyke, J., Parker-Davis, P.
* Kit: SEPUP Issue Oriented Science / Evolution
* Unit: #91
* Grade Level: 8
* Hook: How can fossils be used to study the behavior of organisms that were alive millions of years ago?
* Hypothesis / Hypotheses: Using research and progressively changing evidence of trace footprint fossils, students formulate a hypothesis as to what might have occurred in a prehistoric encounter.
* Necessary prior knowledge / experience:
* Unit #89 & #90
* Adaptations to the procedures: The students should draw, measure & record their data in their notebooks, not the handouts.
* The white boards are perfect to “stand and defend” your position on the fossils.
* Lesson extension / addendum:
* Attached explanation of Darwin’s changing ideas about the geologic time scale.
* Actual trace fossils pictured below.

RReflections: This was our favorite, most engaging of the lessons. The cards used could be larger or reproduced on white boards.

* `