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**Checklist**

***Phase 1: Sieving Matrix***

* Bucket (5 gallon) with matrix
* Buckets (5 gallon) for water
* 6 Sieves (10 and 35 mesh)
* Beakers
* Large paper plates (2)
* Triple beam balance
* Provide Task Cards *“Massing your matrix sample”* and *“Research your team’s shark or ray”*

***Phase 2: Observation and Classification of the Matrix (LARGER SIEVE)***

* Small paper plates
* Toothpicks
* Eppendorf tube
* Ziplock bag
* Information sheet
* Digital microscope
* iPad
* Identification charts
* Task Card *“Observation and Classification”*

***Phase 3: Observation and Classification of the Matrix (SMALLER SIEVE)***

* Stereo Microscopes
* Toothpicks
* Eppendorf tube
* Ziplock Bag
* Information sheet