**Purpose:** Students will be given a mixture and asked to devise a procedure for separating it. Students will then use their procedure to separate the different substances into their purest form.

**Materials you may use:** (If your group would like to use an item that is not on this list please ask permission)

|  |  |  |  |
| --- | --- | --- | --- |
| Beakers | Filter paper | Ring stand with clamp | Stirring rod |
| Erlenmeyer flask | Funnel | Stirring rod | Plastic baggie |
| Graduated Cylinder | Magnet | Hot plate | Watch glass |
| Pipettes | Gloves | Goggles | Apron |

**Safety:** Use caution when using hot plates, and always wear gloves, apron, and goggles

**Mixture contains:** Salt, sand, and iron filings

**Numbered Procedure:**

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**Data/Observations:**

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**Conclusion:**

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