

Sieve Analysis – Classroom Exercise – Supply List

Supply List w/pictures:

Materials:

U.S.A. Standard Test Sieve

1. Lid (1 ea. per student group, this example needs 4 ea.)
2. 3/8" copper screen (1 ea. per student group, this example needs 4 ea.)
3. No. 8 copper screen (1 ea. per student group, this example needs 4 ea.)
4. No. 4 copper screen (1 ea. per student group, this example needs 4 ea.)
5. Catch pan (1 ea. per student group, this example needs 4 ea.)

Sand & Gravel

1. **Gravel A** > 3/8" (Largest gravel) (6 cups needed for this example)
2. No. 4 < **Gravel B** < 3/8" (6 cups needed for this example)
3. No. 8 < **Gravel C** < No. 4 (6 cups needed for this example)
4. **Gravel D** < No. 8 (this material is left in the catch pan)(smallest sand) (6 cups needed for this example)

Kitchen Food Scale – weigh up to 11 lbs. (this example needs 4 ea.)

½ Gallon Mason jars (wide mouth) (this example needs 4 ea.)

Measuring Pour Cup (this example needs 16 ea.)

Large Metal Spoon (this example needs 4 ea.)(used to tap outer ring on copper screens to help vibrate screen to allow for material to pass through)