

To be used with:
Layer Away

Name _____

Soil Triangle

Use the **Soil Texture Triangle** to determine what type of soil your group has. Look over the soil triangle to familiarize yourself with it. The bottom line represents the percentages for sand. The slanting left line represents the percentages for clay and the right slanting line represents the percentages for silt.

1. Transfer your percentages of sand, silt, and clay from the "Soil Composition" worksheet.

Sand: _____ % Silt: _____ % Clay: _____ %

2. Take your percentage for sand and find it on the sand line (bottom line). From this point, draw a line upwards and to the left through the triangle. (This line should be parallel to the right slanting line,) This line marks your percentage amount for sand.
3. Next, take your percentage amount for silt and find it on the silt line (the right slanting line). From your percentage on the line, draw a line slanting downward and to the left, through the triangle. This represents your percentage amount for silt. (The sand line and the silt line should cross over one another.)
4. Now take your percentage for clay and find it on the clay line (the left slanting line). Draw a line from your percentage point directly across the triangle (horizontally). Once you have drawn this line, all three lines should intersect at the same point.
5. Draw a circle around the intersection of the three lines. It will fall within one of the soil types on the grid. This is the type of soil that your group has.

The type of soil we have is: _____