

WEEK 2

Activity 1

"Hypotheses"

- Soil 80% went to the top of the tube
- Sand remained at 100%
- Clay 90% went to the top of the tube

"Observations/Data Tables"

- Depth of clay layer 2 1/2%
- Depth of silt layer

3%

- Depth of sand layer 0%
- 5 1/2 total depth
- Soil texture is gritty

Activity 2

"Hypotheses"

- Sand will have the least porosity because it is smoother in texture.
- Soil will have the highest because its gritty in

texture.

- Clay is in between because it's both gritty and smooth.

"Observations/Data Tables"

- It took the sand 9 seconds for the first drop of water to emerge from the column.
- It took the clay 6 seconds for the first drop of

water to emerge from the column.

- It took the soil 6 seconds for the first drop of water to emerge from the column.

Activity 3

"Hypotheses"

Between the two samples A and B , A is more basic and B was more acidic.

"Observations/Data Tables"

- Sample A : PH 7.0 Natural
- Sample B : PH 6.0 Neutral, Very low, acidic

Activity 4

"Hypotheses"

"Observations/Data
Tables"

WEEK 3

Observations/Data Tables"

Activity 1

Well #1

- Observed when pouring water into the cup sprinkling into sand and gravel it distributed the water into one end into the reservoir and filled it with 1 or 2

cm of water.

- Filled up reservoir side with more water causing the water flow back to the wells.
- After two minute observation the height of the water table increased

Well #2

- Observed when pouring water into the cup sprinkling into sand and gravel

it distributed the water into one end into the reservoir and filled it with 1 or 2 cm of water.

- After two minutes of observing the height of the water increased.

Activity 2

"Hypotheses"

- I do believe that the polluted water from the reservoir will enter the

groundwater
supply due to the
fact as I drained
out water more
continued to
enter the wells.

"Observations/ Data Tables"

- As I pumped the waste into the discharge pipe the water ended up getting polluted.

Activity 3

"Hypotheses"

- After adding the fertilizer to the

Groundwater,
Pond water, and
drinking water
reservoir
everything ended
up being
polluted.



"Observations/Data
Tables"

- The water that came out with the pond water remained polluted.
- Bottom portion ended up not getting as polluted as the top portion.

