

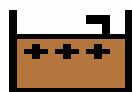
The Plan

Apparatus

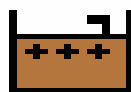
- 6 Plant pots
- Vermiculite
- Radish Seeds
- Phostrogen (Plant food)
- Fluorescent light
- Electronic Balance
- Spatula
- Beaker
- Stirring stick
- Flag Label
- Paper

Method

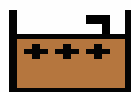
1. Get a plant pot and fill it about $\frac{3}{4}$ of vermiculite.
2. Using an electronic Balance and paper on top measure out minerals (NPK) with the spatula.
3. Use paper to pour the minerals into the vermiculite and stir using the stirring stick to spread it round.
4. Find the average mass of 100 radish seeds and divide by 100. Put 3 seeds just under the surface of vermiculite.
5. Water seeds with beaker of water.
6. Repeat for all the other pots with different NPK amounts.
7. Flag each pot with its NPK amounts.
8. Measure mass of each radish after 3 weeks.
9. Plot into a table also record 2 more sets of results from other groups for a more accurate average.
10. Find average increase in mass.



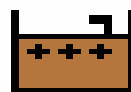
1) 0.0g
NPK



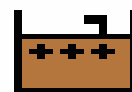
2) 0.5g
NPK



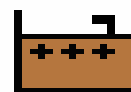
3) 1.0g
NPK



4) 1.5g
NPK



5) 2.0g
NPK



6) 2.5g
NPK

