Diversification and Crop Rotation

Why should we keep diverse plant species?

- By growing a diversity of vegetables of different duration, the school is assured of the availability of vegetables throughout the year.
- Having different types of vegetable in the garden ensures that vegetables are available even during the rainy season and dry season.
- Need for different types of nutrients are met.
- This provides genetic diversity to minimize pest increase.
- Nutrients and water are absorbed from different zones according to rooting depth.
- Planting different crops each season does not overburden the soil.

<table>
<thead>
<tr>
<th>Root crops</th>
<th>Legumes</th>
<th>Leafy</th>
<th>Fruit bearing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sweet potato (kamote)</td>
<td>Rice bean (tapiaan)</td>
<td>Long-fruited jute (saluyot)</td>
<td>Eggplant (talong)</td>
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<td>Cassava (kamoteeng kahoy)</td>
<td>Mung bean (munggo)</td>
<td>Amaranth (kulitis)</td>
<td>Lady’s Finger (okra)</td>
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<tr>
<td>Taro (gabi)</td>
<td>Cowpea (paayap)</td>
<td>Malabar Nightshade (alugbati)</td>
<td>Sponge gourd (patola)</td>
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<td>Lesser yam (tugi)</td>
<td>Lima bean (patani)</td>
<td>Philippine spinach (talinum)</td>
<td>Bottle gourd (upo)</td>
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<tr>
<td>Ube (Purple Yam)</td>
<td>Hyacinth bean (kataw)</td>
<td>Horseradish (malunggay)</td>
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<td></td>
<td>Winged bean (sigarlyas)</td>
<td>Japanese malunggay</td>
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<td></td>
<td>Pigeon pea (kadycs)</td>
<td>Upland kangkong</td>
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